



|  |               |                                    |   |  |                                       |                               |                               |                       |            |
|--|---------------|------------------------------------|---|--|---------------------------------------|-------------------------------|-------------------------------|-----------------------|------------|
|  |               |                                    |   |  |                                       |                               |                               |                       |            |
|  |               |                                    |   |  |                                       |                               |                               |                       |            |
|  |               |                                    |   |  |                                       |                               |                               |                       |            |
|  |               |                                    |   |  |                                       |                               |                               |                       |            |
|  |               |                                    |   |  |                                       |                               |                               |                       |            |
|  | 1             |                                    | FINAL   |  |                                       | 05.08.05                      | WEG / AWI                     |                       |            |
| Microfilm<br>Verfilmt  | Rev.<br>Index | Number<br>Anzahl                   | Nature of Revision<br>Art der Aenderung   |  |                                       | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. |                       |            |
| CAD-Drawing<br>CAD-Zeichnung   |               | AP                                 | Drawing No. of Recipient<br>Zeich.-Nr. des Empfaengers                              |  | Material<br>Werkstoff                 |                               |                               | Microfilm<br>Verfilmt |            |
| Permiss Dev.<br>Zul. Abw.  |               | DIN ISO 2768-mK<br>DIN ISO 2768-mK |   |  | Pattern No.<br>Modell-Nr.             |                               |                               |                       |            |
| Surface<br>Oberfl.   |               | DIN ISO 1302<br>DIN ISO 1302       | TYPE<br>Typ   |  | Scale<br>Massst.                      |                               | Weight<br>Gewicht             |                       | Kg<br>Kg   |
|  |               |                                    | YES   |  | NO                                    |                               | Ass.<br>BG                    |                       | Part<br>TA |
| Field of application<br>Verwendungsbereich   |               |                                    | Dept.<br>Abt.   |  | Title<br>Benennung                    |                               |                               |                       |            |
| KOSBOOST<br>312410   |               |                                    |  |  | COVER SHETT<br>INSTRUMENT DATA SHEETS |                               |                               |                       |            |
|  | Date<br>Datum | Name<br>Name                       |   |  | Size<br>Format                        | Drawing No.<br>Zeichnungs-Nr. |                               | Rev.<br>Index         | Sheet/Bt   |
| Drawn<br>Bearb.  | 10.03.05      | WEE                                |   |  | A4                                    | 10000198462                   |                               | 1                     | 0          |
| Checked<br>Geprüft   | 10.03.05      | AWI                                |   |  |                                       |                               |                               |                       | 62         |
|  |               |                                    |   |  |                                       |                               |                               |                       | Sheet/Bt   |
|  |               |                                    | Prev. dwg.<br>Entstf. aus   |  |                                       | Repl. for<br>Ers. für         |                               |                       |            |
| This dwg. is the property of MAN Turbomaschinen AG and is solely for the use of the party to which it is handed over.<br>Diese Zeichnung ist Eigentum der MAN Turbomaschinen AG und nur mit ihrem Einvernehmen zu verwenden. |               |                                    |   |  |                                       |                               |                               |                       |            |

|                             |  |          |  |  |  |   |  |
|-----------------------------|--|----------|--|--|--|---|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT                                  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | ELECTR. PRESSURE TRANSMITTER<br>ELEKTR. DRUCKTRANSMITTER |  |   |  |
| Ass. / BG:                  |  | 9111     |  |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |  |  |   |  |


|    |   |   |    |   |  |
|----|---|---|----|---|--|
| 1  | MANUFACTURER<br>HERSTELLER                          | EMERSON                                     | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -20°C...+80°C<br>-4°F...+175°F                   |
| 2  | TYPE<br>TYP   | 2088 G                                      | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                   | M20x1.5  |
| 3  | RANGE<br>MESSBEREICH                                | 0...2,1 barg                                | 19 | KIND OF MOUNTING<br>MONTAGEART                    | ROHRMONTAGE, 2"<br>PIPE MOUNTED, 2"              |
| 4  | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2" [1.4401]                             | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 67 (EN 60 529/ IEC 529)<br>NEMA 4X            |
| 5  | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM                        | 21 |   |  |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4404<br>AISI 316L                         | 22 |   |  |
| 7  |   |   | 23 |   |  |
| 8  | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | PU BESCHICHTETES AL<br>PU COVERED ALUMINIUM | 24 | LABEL<br>BESCHRIFTUNGSSCHILD                      | EDELSTAHLschild<br>SS TAG LABEL                  |
| 9  | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONÖL<br>SILICONE                       | 25 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET            | STAINLESS STEEL (B4)<br>EDELSTAHL (B4)           |
| 10 | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE                          | 26 | MESSWERTANZEIGE<br>INDICATION                     | LCD ANZEIGE [barg] (M7)<br>LCD METER [barg] (M7) |
| 11 | POWER SUPPLY<br>HILFSENERGIE                        | 10.5...36 V DC                              | 27 |   |  |
| 12 | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA, HART                             | 28 |   |  |
| 13 | ACCURACY<br>GENAUIGKEIT                             | ± 0.1 %                                     | 29 |   |  |
| 14 |   |   | 30 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE           | EN 10 204 3.1.B (Q8)                             |
| 15 | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 21 barg<br>305 psig                         | 31 | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET     | VOM MANUFACTURER (Q4)<br>BY HERSTELLER (Q4)      |
| 16 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -40°C...+120°C<br>-40°F...+250°F            | 32 | BESTELL-NR.<br>CATALOGUE-NO.                      | 2088G-1-S-22-B-2<br>M7-Q4-Q8                     |

REMARK: DIRECT MOUNTED 2-VALVE MANIFOLD  
 BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                   | ADJU.RANGE<br>EING.BEREICH | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|--|----------------------------|---------------------------|------------------|
| PIT 16751           | COMPR. EXT. SEAL GAS SUPPLY<br>KOMPR. EXT SPERRGASVERSORGUNG | 0...250 mbar               | 0,5 bar g                 | N2               |
|                     |  |                            |                           |                  |
|                     |  |                            |                           |                  |

|                    |          |  |  |  |                               |                 |                               |           |                              |      |                         |
|--------------------|----------|--|--|--|-------------------------------|-----------------|-------------------------------|-----------|------------------------------|------|-------------------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | 10.03.05        | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE<br>REV. ZEILE |
| Date<br>Datum      | 05.08.05 |  |  |  |                               |                 |                               |           |                              |      |                         |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 G.P | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.               |
| Checked<br>Geprüft | AWI      |  |  |  |                               |                 |                               |           |                              |      | 1 / 1                   |

ROSEMOUNT 2088G [5011]

|                             |  |          |  |  |  |   |  |
|-----------------------------|--|----------|--|--|--|---|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT                          |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | RESISTANCE THERMOMETER<br>WIDERSTANDSTHERMOMETER |  |   |  |
| Ass. / BG:                  |  | 9112     |  |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |  |  |   |  |


|    |  |                     |    |   |                     |
|----|--|---------------------|----|---|---------------------|
| 1  | MANUFACTURER<br>HERSTELLER                         | ROSEMOUNT           | 17 | THERMOWELL TYPE<br>TYP SCHUTZHUELSE             | BAR STOCK           |
| 2  | TYPE<br>TYP  | 0065-C-2-2-C-0110   | 18 | THERMOWELL MATERIAL<br>MATERIAL SCHUTZHUELSE    | 316 SS              |
| 3  | MEASURING ELEMENT<br>MESSELEMENT                   | PT100 OHM           | 19 | THERMOWELL CONNECTION<br>ANSCHLUSS SCHUTZHUELSE | M20 x 1,5           |
| 4  | QUANTITY ELEMENT<br>ANZAHL ELEMENT                 | 2                   | 20 | PROCESS CONNECTION<br>ANSCHLUSS PROZESS         | G 3/4"              |
| 5  | KIND OF WIRING<br>SCHALTUNGSART                    | 3-WIRE              | 21 | INSERT LENGTH<br>EINBAULAENGE                   | 170mm / 125mm       |
| 6  | STANDARD<br>NORM                                   | IEC 751             | 22 | LABEL<br>BESCHRIFTUNGSSCHILD                    | SS TAG NUMBER LABEL |
| 7  | ACCURACY<br>GENAUIGKEIT                            | CLASS A             | 23 |   |                     |
| 8  | SHEATH MATERIAL<br>MATERIAL SCHUTZROHR             | 1.4571 (SS)         | 24 |   |                     |
| 9  | SHEATH DIAMETER<br>DURCHMESSER SCHUTZROHR          | 6mm                 | 25 |   |                     |
| 10 | SHEATH CONNECTION<br>ANSCHLUSS SCHUTZROHR          | M24x1,5             | 26 |   |                     |
| 11 | CONNECTION HEAD TYPE<br>ANSCHLUSSKOPF FORM         | ROSEMOUNT<br>CODE C | 27 |   |                     |
| 12 | CONNECTION HEAD MATERIAL<br>MATERIAL ANSCHLUSSKOPF | ALUMINIUM           | 28 |   |                     |
| 13 | CABLE ENTRY<br>KABELEINFUEHRUNG                    | M20 x 1,5           | 29 |   |                     |
| 14 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART            | IP65                | 30 |   |                     |
| 15 | EXPLOSION PROOF<br>EXPLOSIONSSCHUTZ                | -                   | 31 |   |                     |
| 16 | THERMOWELL<br>SCHUTZHUELSE                         | YES                 | 32 |   |                     |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG            |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---------------------------------------|--|--------------------------|---------------------------|--|------------------|
| TE 16045.2          | COMPR. DISCHARGE<br>KOMPR. AUSTRITT   |  | 47 °C                    | 56 bar g                  |  | AIR              |
| TE 16007.2          | STAGE 1 SUCTION<br>STUFE 1 ANSAUGUNG  |  | 20 °C                    | 6,4 bar g                 |  | AIR              |
| TE 16011.2          | STAGE 1 DISCHARGE<br>STUFE 1 AUSTRITT |  | 97,7°C                   | 12,3 bar g                |  | AIR              |


|                    |          |  |  |                               |                               |                              |            |
|--------------------|----------|--|--|-------------------------------|-------------------------------|------------------------------|------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  | 10000198462 G.T               | 1                             | AP                           | 1 / 4      |

ROSEMOUNT HERAEUS\_0065\_PROCESS

|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | RESISTANCE THERMOMETER  |  |   |
| Ass. / BG:                  | 9112     | WIDERSTANDSTHERMOMETER  |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG            |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---------------------------------------|--|--------------------------|---------------------------|--|------------------|
| TE 16015.2          | STAGE 2 SUCTION<br>STUFE 2 ANSAUGUNG  |  | 36 °C                    | 12,27 bar g               |  | AIR              |
| TE 16021.2          | STAGE 2 DISCHARGE<br>STUFE 2 AUSTRITT |  | 107 °C                   | 22,07 bar g               |  | AIR              |
| TE 16025.2          | STAGE 3 SUCTION<br>STUFE 3 ANSAUGUNG  |  | 36 °C                    | 22,01 bar g               |  | AIR              |
| TE 16031.2          | STAGE 3 DISCHARGE<br>STUFE 3 AUSTRITT |  | 105,3 °C                 | 38,29 bar g               |  | AIR              |
| TE 16035.2          | STAGE 4 SUCTION<br>STUFE 4 ANSAUGUNG  |  | 36 °C                    | 38,20 bar g               |  | AIR              |
| TE 16041.2          | STAGE 4 DISCHARGE<br>STUFE 4 AUSTRITT |  | 92 °C                    | 59,67 bar g               |  | AIR              |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 G.T               | 1                             | AP                           | 2 / 4        |


|                             |          |  |  |   |
|-----------------------------|----------|--|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | LAGER-RESISTANCE THERMOMETER<br>BEARING-WIDERSTANDSTHERMOMETER |  |   |
| Ass. / BG:                  | 9112     |  |  |   |
| IDENT-NO.: / SACH-NR.:      | 50023224 |  |  |   |

|    |                                     |                                     |    |   |                                |
|----|-------------------------------------|-------------------------------------|----|---|--------------------------------|
| 1  | MANUFACTURER<br>HERSTELLER          | MTM STANDARD                        | 12 |   |                                |
| 2  | TYPE<br>TYP                         | PT 100                              | 13 |   |                                |
| 3  | MEASURING ELEMENT<br>MESSELEMENT    | PT 100 DIN                          | 14 |   |                                |
| 4  | QUANTITY ELEMENT<br>ANZAHL ELEMENT  | 1                                   | 15 |   |                                |
| 5  | KIND OF WIRING<br>SCHALTUNGSART     | 3 - LEITER<br>3 - WIRE              | 16 |   |                                |
| 6  | UNGROUND<br>VOM BODEN ISOLIERT      | JA<br>Y                             | 17 | LABEL<br>BESCHRIFTUNGSSCHILD                      | NONE                           |
| 7  | STANDARD<br>NORM                    | IEC 751                             | 18 | KABELANSCHLUSS<br>CABLE CONNECTION                | ROT-ROT/WEISS<br>RED-RED/WHITE |
| 8  | ACCURACY<br>GENAUIGKEIT             | IEC 751/KLASSE A<br>IEC 751/CLASS A | 19 | GEMÄSS/ACCORDING                                  | IEC 751-3.6                    |
| 9  | BULB DIAMETER<br>DURCHMESSER MANTEL | 3,2 mm                              | 20 | LÄNGE KABEL.<br>LENGTH CABLE                      | "L" = 7 m                      |
| 10 |                                     |                                     | 21 | WEITERE DATEN SIEHE ZCH.<br>FURTHER DATA SEE DWG. |                                |
| 11 | TOTAL LENGTH<br>FUEHLERLAENGE       | 12 m                                | 22 |   |                                |


REMARK:  
BEMERKUNG:


| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG   |  | OPER. TEMP.<br>BETR. TEMP. |  |  |  |
|---------------------|--|--|----------------------------|--|--|--|
| TE 16730.1          | COMPR. BULL GEAR JOURN. BRG. DE<br>KOMPR. GROSSRAD RADIALLAGER DE        |  | 68 °C                      |  |  |  |
| TE 16730.2          | COMPR. BULL GEAR JOURN. BRG. DE<br>KOMPR. GROSSRAD RADIALLAGER DE        |  | 68 °C                      |  |  |  |
| TE 16733.1          | COMPR. BULL GEAR JOURN. BRG. NDE<br>KOMPR. GROSSRAD RADIALLAGER NDE      |  | 68 °C                      |  |  |  |
| TE 16733.2          | COMPR. BULL GEAR JOURN. BRG. NDE<br>KOMPR. GROSSRAD RADIALLAGER NDE      |  | 68 °C                      |  |  |  |
| TE 16734.1          | COMPR. BULL GEAR THRUST BRG. INBOARD<br>KOMPR. GROSSRAD AXIALLAGER INNEN |  | 68 °C                      |  |  |  |
| TE 16734.2          | COMPR. BULL GEAR THRUST BRG. INBOARD<br>KOMPR. GROSSRAD AXIALLAGER INNEN |  | 68 °C                      |  |  |  |

|                    |          |  |  |                               |             |                               |           |               |      |                              |       |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|---------------|------|------------------------------|-------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt. | TK52 | REV. LINE                    |       |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |               |      | REV. ZEILE                   | ↑     |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 |                               | G.T       | Rev.<br>Index | 1    | CAD-Drawing<br>CAD-Zeichnung | AP    |
| Checked<br>Geprüft | AWI      |  |  |                               |             |                               |           |               |      | Sheet/Bl.                    | 3 / 4 |

|                             |  |          |  |                                |  |   |  |
|-----------------------------|--|----------|--|--------------------------------|--|---|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT        |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | LAGER-RESISTANCE THERMOMETER   |  |   |  |
| Ass. / BG:                  |  | 9112     |  | BEARING-WIDERSTANDSTHERMOMETER |  |   |  |
| IDENT-NO.: / SACH-NR.:      |  | 50023224 |  |                                |  |   |  |
| TAG-NO.<br>POS.-NR.         | DESIGNATION<br>BEZEICHNUNG   |          |  | OPER. TEMP.<br>BETR. TEMP.     |  |   |  |
| TE 16735.1                  | COMPR. BULL GEAR THRUST BRG. OUTBOARD<br>KOMPR. GROSSRAD AXIALLAGER AUSSEN |          |  | 68 °C                          |  |   |  |
| TE 16735.2                  | COMPR. BULL GEAR THRUST BRG. OUTBOARD<br>KOMPR. GROSSRAD AXIALLAGER AUSSEN |          |  | 68 °C                          |  |   |  |
| TE 16738.1                  | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE             |          |  | 68 °C                          |  |   |  |
| TE 16738.2                  | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE             |          |  | 68 °C                          |  |   |  |
| TE 16736.1                  | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE           |          |  | 68 °C                          |  |   |  |
| TE 16736.2                  | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE           |          |  | 68 °C                          |  |   |  |
| TE 16743.1                  | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE             |          |  | 68 °C                          |  |   |  |
| TE 16743.2                  | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE             |          |  | 68 °C                          |  |   |  |
| TE 16740.1                  | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE           |          |  | 68 °C                          |  |   |  |
| TE 16740.2                  | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE           |          |  | 68 °C                          |  |   |  |

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|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 G.T               | 1                             | AP                           | 4 / 4      |


|                             |                            |   |    |                               |                               |                          |                              |   |  |
|-----------------------------|----------------------------|---|----|-------------------------------|-------------------------------|--------------------------|------------------------------|---|--|
| CODE WORD<br>KENNWORT       |                            | KOSBOOST  |    | DATA SHEET / DATENBLATT       |                               |                          |                              |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                            | 312410  |    |                               |                               |                          |                              |   |  |
| Ass. / BG:                  |                            |   |    |                               |                               |                          |                              |   |  |
| IDENT-NO.: / SACH-NR.:      |                            |   |    |                               |                               |                          |                              |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER | BHS_STANDARD  | 17 |                               |                               |                          |                              |   |  |
| 2                           | TYPE<br>TYP                |   | 18 |                               |                               |                          |                              |   |  |
| 3                           |                            |   | 19 |                               |                               |                          |                              |   |  |
| 4                           |                            |   | 20 |                               |                               |                          |                              |   |  |
| 5                           |                            |   | 21 |                               |                               |                          |                              |   |  |
| 6                           |                            |   | 22 |                               |                               |                          |                              |   |  |
| 7                           |                            |   | 23 |                               |                               |                          |                              |   |  |
| 8                           |                            |   | 24 |                               |                               |                          |                              |   |  |
| 9                           |                            |   | 25 |                               |                               |                          |                              |   |  |
| 10                          |                            |   | 26 |                               |                               |                          |                              |   |  |
| 11                          |                            |   | 27 |                               |                               |                          |                              |   |  |
| 12                          |                            |   | 28 |                               |                               |                          |                              |   |  |
| 13                          |                            |   | 29 |                               |                               |                          |                              |   |  |
| 14                          |                            |   | 30 |                               |                               |                          |                              |   |  |
| 15                          |                            |   | 31 |                               |                               |                          |                              |   |  |
| 16                          |                            |   | 32 |                               |                               |                          |                              |   |  |
| REMARK:<br>BEMERKUNG:       |                            |   |    |                               |                               |                          |                              |   |  |
| TAG-NO.<br>POS.-NR.         |                            | DESIGNATION<br>BEZEICHNUNG  |    |                               |                               | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK    | MEDIUM<br>MEDIUM  |  |
| TE 16730A                   |                            | COMPR. BULL GEAR JOURN. BRG. DE<br>KOMPR. GROSSRAD RADIALLAGER DE   |    |                               |                               |                          |                              |   |  |
| TE 16730B                   |                            | COMPR. BULL GEAR JOURN. BRG. DE<br>KOMPR. GROSSRAD RADIALLAGER DE   |    |                               |                               |                          |                              |   |  |
| TE 16733A                   |                            | COMPR. BULL GEAR JOURN. BRG. NDE<br>KOMPR. GROSSRAD RADIALLAGER NDE |    |                               |                               |                          |                              |   |  |
| Rev.<br>Index               | 1                          |   |    | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. |                          | Dept.<br>Abt.                | REV. LINE   |  |
| Date<br>Datum               | 05.08.05                   |   |    | 10.03.05                      | WEE / AWI                     |                          | TK52                         | REV. ZEILE  |  |
| Drawn<br>Bearb.             | WEG                        |   |    | Drawing No.<br>Zeichnungs-Nr. |                               | Rev.<br>Index            | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.   |  |
| Checked<br>Geprüft          | AWI                        |   |    | 10000198462 G.TE              |                               | 1                        | AP                           | 1 / 3   |  |

|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG   |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|--|--|--------------------------|---------------------------|--|------------------|
| TE 16733B           | COMPR. BULL GEAR JOURN. BRG. NDE<br>KOMPR. GROSSRAD RADIALLAGER NDE        |  |                          |                           |  |                  |
| TE 16734A           | COMPR. BULL GEAR THRUST BRG. INBOARD<br>KOMPR. GROSSRAD AXIALLAGER INNEN   |  |                          |                           |  |                  |
| TE 16734B           | COMPR. BULL GEAR THRUST BRG. INBOARD<br>KOMPR. GROSSRAD AXIALLAGER INNEN   |  |                          |                           |  |                  |
| TE 16735A           | COMPR. BULL GEAR THRUST BRG. OUTBOARD<br>KOMPR. GROSSRAD AXIALLAGER AUSSEN |  |                          |                           |  |                  |
| TE 16735B           | COMPR. BULL GEAR THRUST BRG. OUTBOARD<br>KOMPR. GROSSRAD AXIALLAGER AUSSEN |  |                          |                           |  |                  |
| TE 16743A           | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE             |  |                          |                           |  |                  |
| TE 16743B           | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE             |  |                          |                           |  |                  |
| TE 16740A           | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE           |  |                          |                           |  |                  |
| TE 16740B           | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE           |  |                          |                           |  |                  |

|                    |          |  |  |  |                               |             |                               |               |               |                              |            |
|--------------------|----------|--|--|--|-------------------------------|-------------|-------------------------------|---------------|---------------|------------------------------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI     | Dept.<br>Abt. | TK52                         | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      |             | WEE / AWI                     |               | TK52          |                              | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | G.TE                          | Rev.<br>Index | 1             | CAD-Drawing<br>CAD-Zeichnung | AP         |
| Checked<br>Geprüft | AWI      |  |  |  |                               |             |                               |               |               |                              | Sheet/Bl.  |
|                    |          |  |  |  |                               |             |                               |               |               |                              | 2 / 3      |




|                             |          |  |  |   |
|-----------------------------|----------|--|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | LAGER-RESISTANCE THERMOMETER<br>BEARING-WIDERSTANDSTHERMOMETER |  |   |
| Ass. / BG:                  | 9112     |  |  |   |
| IDENT-NO.: / SACH-NR.:      | 50023224 |  |  |   |

|    |                                     |                                     |    |   |                                |
|----|-------------------------------------|-------------------------------------|----|---|--------------------------------|
| 1  | MANUFACTURER<br>HERSTELLER          | MTM STANDARD                        | 12 |   |                                |
| 2  | TYPE<br>TYP                         | PT 100                              | 13 |   |                                |
| 3  | MEASURING ELEMENT<br>MESSELEMENT    | PT 100 DIN                          | 14 |   |                                |
| 4  | QUANTITY ELEMENT<br>ANZAHL ELEMENT  | 1                                   | 15 |   |                                |
| 5  | KIND OF WIRING<br>SCHALTUNGSART     | 3 - LEITER<br>3 - WIRE              | 16 |   |                                |
| 6  | UNGROUND<br>VOM BODEN ISOLIERT      | JA<br>Y                             | 17 | LABEL<br>BESCHRIFTUNGSSCHILD                      | NONE                           |
| 7  | STANDARD<br>NORM                    | IEC 751                             | 18 | KABELANSCHLUSS<br>CABLE CONNECTION                | ROT-ROT/WEISS<br>RED-RED/WHITE |
| 8  | ACCURACY<br>GENAUIGKEIT             | IEC 751/KLASSE A<br>IEC 751/CLASS A | 19 | GEMÄSS/ACCORDING                                  | IEC 751-3.6                    |
| 9  | BULB DIAMETER<br>DURCHMESSER MANTEL | 3,2 mm                              | 20 | LÄNGE KABEL.<br>LENGTH CABLE                      | "L" = 7 m                      |
| 10 |                                     |                                     | 21 | WEITERE DATEN SIEHE ZCH.<br>FURTHER DATA SEE DWG. |                                |
| 11 | TOTAL LENGTH<br>FUEHLERLAENGE       | 12 m                                | 22 |   |                                |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                       |  | OPER.TEMP.<br>BETR.TEMP. |  |  |  |
|---------------------|--|--|--------------------------|--|--|--|
| TE 16738A           | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE   |  | 68 °C                    |  |  |  |
| TE 16738B           | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE   |  | 68 °C                    |  |  |  |
| TE 16736A           | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE |  | 68 °C                    |  |  |  |
| TE 16736B           | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE |  | 68 °C                    |  |  |  |
|                     |  |  |                          |  |  |  |
|                     |  |  |                          |  |  |  |

|                    |          |  |  |                               |             |                               |           |                              |      |            |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |                               | G.TE        |                               |           |                              |      | 3 / 3      |


|                             |          |  |  |   |
|-----------------------------|----------|--|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT                    |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | PRESSURE CONTROL VALVE<br>DRUCKREGELVENTIL |  |   |
| Ass. / BG:                  | 9269     |  |  |   |
| IDENT-NO.: / SACH-NR.:      |          |  |  |   |

|    |   |                      |    |  |               |
|----|---|----------------------|----|--|---------------|
| 1  | MANUFACTURER<br>HERSTELLER                    |                      | 24 |  |               |
| 2  | TYPE<br>TYP                                   | Y 690 AH             | 25 |  |               |
| 3  |   |                      | 26 |  |               |
| 4  | NOMINAL DIAMETER<br>NENNWEITE                 | DN 50                | 27 | SOUND PRESSURE LEVEL<br>SCHALLDRUCKPEGEL       | < 85dB(A)     |
| 5  | RATING<br>DRUCKSTUFE                          | PN 16                | 28 | INSTALLAT. POSITION VALVE<br>EINBAULAGE VENTIL | HORIZONTAL    |
| 6  | LENGTH OF DIM.<br>BAULAENGE                   | XXX mm               | 29 |  |               |
| 7  | JOINT FACE<br>DICHTLEISTE                     | DIN                  | 30 |  |               |
| 8  | NORM OF FLANGE<br>FLANSCHNORM                 | DIN EN-1092-1        | 31 |  |               |
| 9  | VERSION<br>AUSFUEHRUNG                        | 690                  | 32 | ACTUATOR TYPE<br>STELLANTRIEB TYP              | DIRECT ACTING |
| 10 | CHARACTERISTIC<br>KENNLINIE                   | LINEAR               | 33 |  |               |
| 11 |   |                      | 34 |  |               |
| 12 | NO. OF SEAT<br>SITZANZAHL                     | 1                    | 35 | CONTROL LINE<br>STEUERLEITUNG                  | INTERNAL      |
| 13 | SEAT VERSION<br>SITZ-AUSFUEHRUNG              | SINGLE               | 36 |  |               |
| 14 | SEAT DIAMETER<br>SITZWEITE                    | XX mm                | 37 |  |               |
| 15 |   |                      | 38 |  |               |
| 16 |   |                      | 39 |  |               |
| 17 |   |                      | 40 |  |               |
|    |   |                      | 41 | LABEL<br>BESCHRIFTUNGSSCHILD                   | PERMANENT SS  |
| 19 |   |                      | 42 | EINSTELLWERT:                                  | 0,1 barg      |
| 20 | TRIM MATERIAL<br>MATERIAL SITZ / KEGEL        | STAINLESS STEEL      | 43 | KENNZEICHNUNG:                                 | PCV 16751     |
| 21 |   |                      | 44 | MATERIALZEUGNIS:                               | 3.1B          |
| 22 |   |                      | 45 |  |               |
| 23 | VALVE BODY MATERIAL<br>MAT. ARMATURENGEHAEUSE | CAST STAINLESS STEEL | 46 |  |               |

REMARK:


BEMERKUNG:

|                    |          |  |  |  |                               |                               |                              |            |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 G.V               | 1                             | AP                           | 1 / 2      |

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|-----------------------------|----------|-------------------------|--|--|--|---|--|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | PRESSURE CONTROL VALVE  |  |  |  |   |  |
| Ass. / BG:                  | 9269     | DRUCKREGELVENTL         |  |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |  |  |   |  |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                   | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK | FLOW<br>DURCHFLUSS | MEDIUM<br>MEDIUM |
|---------------------|--|----------------------------|--------------------------|---------------------------|--------------------|------------------|
| PCV 16751           | COMPR. SEAL GAS PRESS. CNT.<br>KOMPR. SPERRGAS DRUCKREGELUNG | 0,1 barg                   | 25 °C                    | 3,5-7 bar g               | 55 kg/h            | N2               |


|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 G.V               | 1                             | AP                           | 2 / 2        |

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|-----------------------------|---|----------------------------------|----|--|---|---|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                         |    | DATA SHEET / DATENBLATT                              |   |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410                           |    | SHAFT CONTROL PROBES<br>WELLENUEBERWACHUNG-AUFNEHMER |   |   |
| Ass. / BG:                  |   | 9118                             |    |  |   |   |
| IDENT-NO.: / SACH-NR.:      |   |                                  |    |  |   |   |
| 1                           | MANUFACTURER<br>HERSTELLER                          | BENTLY NEVADA                    | 12 | CONNECTION CABLE LENGTH<br>ANSCHLUSSKABELLAENGE      | 0,5 m                                     |   |
| 2                           | TYPE<br>TYP   | 330906-02-12-05-02-00            | 13 |  |   |   |
| 3                           | SERIES<br>SERIE                                     | 3300 XL NSV                      | 14 | LABEL<br>BESCHRIFTUNGSSCHILD                         | OHNE<br>WITHOUT                           |   |
| 4                           | THREAD<br>ANSCHLUSSGEWINDE                          | 3/8"-24UNF-2A                    | 15 | EXTENSION CABLE<br>VERLAENGERUNGSKABEL               | 330906-02-12-05-02-00                     |   |
| 5                           |   |                                  | 16 | CABLE LENGTH<br>KABELLAENGE                          | 4,5 m                                     |   |
| 6                           | PROBE TIP DIAMETER<br>DURCHMESSER MESSKOPF          | 3/8"-24 UNF                      | 17 |  |   |   |
| 7                           | PROBE TIP MATERIAL<br>MATERIAL MESSKOPF             | PPS                              | 18 | ARMOR<br>ARMIERUNG                                   | OHNE<br>WITHOUT                           |   |
| 8                           | PROBE CASE MATERIAL<br>MATERIAL HUELSE              | SS 304                           | 19 | CONNECTOR<br>ANSCHLUSSTECKER                         | MINI KOAXIALSTECKER<br>MINI COAXIAL CONN. |   |
| 9                           | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR   | -34°C...+177°C<br>-30°F...+350°F | 20 |  |   |   |
| 10                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 690 kPa                          | 21 |  |   |   |
| 11                          | CONNECTION CABLE<br>ANSCHLUSSKABEL                  | KOAXIALKABEL<br>COAXIAL CABLE    | 22 | BESTELL-NR.<br>CATALOGUE-NO.                         | 330906-02-12-05-02-00                     |   |

REMARK:  
BEMERKUNG:

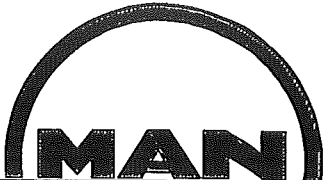
| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                       |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| XE 16738X           | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE   |  |  |  |  |  |
| XE 16738Y           | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE   |  |  |  |  |  |
| XE 16736X           | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE |  |  |  |  |  |
| XE 16736Y           | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE |  |  |  |  |  |
| XE 16743X           | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE   |  |  |  |  |  |
| XE 16743Y           | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE   |  |  |  |  |  |

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|--------------------|----------|--|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  |                               |             |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  |                               | G.VE        |                               |           |                              |      | 1 / 2      |

|                             |          |                              |  |   |
|-----------------------------|----------|------------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT      |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | SHAFT CONTROL PROBES         |  |   |
| Ass. / BG:                  | 9118     | WELLENUEBERWACHUNG-AUFNEHMER |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                              |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                       |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| XE 16740X           | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE |  |  |  |  |  |
| XE 16740Y           | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE |  |  |  |  |  |


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|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 G.VE              | 1                             | AP                           | 2 / 2        |

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|-----------------------------|-------------------------------------|-----------------------|----|---|----------------------------------|---|
| CODE WORD<br>KENNWORT       |                                     | KOSBOOST              |    | DATA SHEET / DATENBLATT                           |                                  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                     | 312410                |    | PROXIMITOR  |                                  |   |
| Ass. / BG:                  |                                     | 9118                  |    | ANPASSUNGSEINHEIT                                 |                                  |   |
| IDENT-NO.: / SACH-NR.:      |                                     |                       |    |   |                                  |   |
| 1                           | MANUFACTURER<br>HERSTELLER          | BENTLY NEVADA         | 7  | ELECTRICAL CONNECTION<br>ANSCHLUSS ELEKTRISCH     | -23 V dc to -26 V dc             |   |
| 2                           | TYPE<br>TYP                         | 990-05-50-01-00       | 8  |   |                                  |   |
| 3                           | SERIES<br>SERIE                     | 3300 XL NSV           | 9  | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -51°C ...+85°C<br>-31°F...+185°F |   |
| 4                           | FOR PROBES<br>FÜR MESSAUFNEHMER     | 330906-02-12-05-02-00 | 10 | LABEL<br>BESCHRIFTUNGSSCHILD                      | OHNE<br>WITHOUT                  |   |
| 5                           | POWER SUPPLY<br>SPANNUNGSVERSORGUNG | -23...-26 V DC        | 11 | LINEARER BEREICH<br>LINEAR RANGE                  | 0,25 MM - 2,3 MM                 |   |
| 6                           | OUTPUT SIGNAL<br>AUSGANGSSIGNAL     | 4...20 mA             | 12 | BESTELL-NR.<br>CATALOGUE-NO.                      | 990-05-50-01-00                  |   |

REMARK: FÜR DIN-SCHIENENMONTAGE  
BEMERKUNG: RAIL MOUNTED

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                       |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| XT 16738X           | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE   |  |  |  |  |  |
| XT 16738Y           | COMPR. SHAFT 1 JOURN. BRG. DE<br>KOMPR. WELLE 1 RADIALLAGER DE   |  |  |  |  |  |
| XT 16736X           | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE |  |  |  |  |  |
| XT 16736Y           | COMPR. SHAFT 1 JOURN. BRG. NDE<br>KOMPR. WELLE 1 RADIALLAGER NDE |  |  |  |  |  |
| XT 16743X           | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE   |  |  |  |  |  |
| XT 16743Y           | COMPR. SHAFT 2 JOURN. BRG. DE<br>KOMPR. WELLE 2 RADIALLAGER DE   |  |  |  |  |  |
| XT 16740X           | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE |  |  |  |  |  |
| XT 16740Y           | COMPR. SHAFT 2 JOURN. BRG. NDE<br>KOMPR. WELLE 2 RADIALLAGER NDE |  |  |  |  |  |
|                     |  |  |  |  |  |  |
|                     |  |  |  |  |  |  |

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|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |                               | G.VT        |                               |           |                              |      | 1 / 1      |

|                             |   |                                  |    |  |   |   |  |
|-----------------------------|---|----------------------------------|----|--|---|---|--|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                         |    | DATA SHEET / DATENBLATT                              |   |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410                           |    | SHAFT CONTROL PROBES<br>WELLENUEBERWACHUNG-AUFNEHMER |   |   |  |
| Ass. / BG:                  |   | 9118                             |    |  |   |   |  |
| IDENT-NO.: / SACH-NR.:      |   |                                  |    |  |   |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER                          | BENTLY NEVADA                    | 12 | CONNECTION CABLE LENGTH<br>ANSCHLUSSKABELLAENGE      | 0,5 m                                     |   |  |
| 2                           | TYPE<br>TYP   | 330906-02-12-05-02-00            | 13 |  |   |   |  |
| 3                           | SERIES<br>SERIE                                     | 3300 XL NSV                      | 14 | LABEL<br>BESCHRIFTUNGSSCHILD                         | OHNE<br>WITHOUT                           |   |  |
| 4                           | THREAD<br>ANSCHLUSSGEWINDE                          | 3/8"-24UNF-2A                    | 15 | EXTENSION CABLE<br>VERLAENGERUNGSKABEL               | 330906-02-12-05-02-00                     |   |  |
| 5                           |   |                                  | 16 | CABLE LENGTH<br>KABELLAENGE                          | 4,5 m                                     |   |  |
| 6                           | PROBE TIP DIAMETER<br>DURCHMESSER MESSKOPF          | 3/8"-24 UNF                      | 17 |  |   |   |  |
| 7                           | PROBE TIP MATERIAL<br>MATERIAL MESSKOPF             | PPS                              | 18 | ARMOR<br>ARMIERUNG                                   | OHNE<br>WITHOUT                           |   |  |
| 8                           | PROBE CASE MATERIAL<br>MATERIAL HUELSE              | SS 304                           | 19 | CONNECTOR<br>ANSCHLUSSTECKER                         | MINI KOAXIALSTECKER<br>MINI COAXIAL CONN. |   |  |
| 9                           | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR   | -34°C...+177°C<br>-30°F...+350°F | 20 |  |   |   |  |
| 10                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 690 kPa                          | 21 |  |   |   |  |
| 11                          | CONNECTION CABLE<br>ANSCHLUSSKABEL                  | KOAXIALKABEL<br>COAXIAL CABLE    | 22 | BESTELL-NR.<br>CATALOGUE-NO.                         | 330906-02-12-05-02-00                     |   |  |


REMARK:  
BEMERKUNG:


| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG   |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| ZE 16733A           | COMPR. BULL GEAR AXIAL DISPL.<br>KOMPR. GROSSRAD AXIALVERSCHIEBUNG |  |  |  |  |  |
|                     |  |  |  |  |  |  |
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| Date<br>Datum      | 05.08.05 |  |  |                               |                  |                               |           |                              |      | REV. ZEILE |       |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 G.ZE | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  | 1 / 1 |
| Checked<br>Geprüft | AWI      |  |  |                               |                  |                               |           |                              |      |            |       |





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| CODE WORD<br>KENNWORT       |   | KOSBOOST   |    | DATA SHEET / DATENBLATT       |                               |                           |                              |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410   |    |                               |                               |                           |                              |   |  |
| Ass. / BG:                  |   |  |    |                               |                               |                           |                              |   |  |
| IDENT-NO.: / SACH-NR.:      |   |  |    |                               |                               |                           |                              |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER              | MOTOR MFR  | 17 |                               |                               |                           |                              |   |  |
| 2                           | TYPE<br>TYP                             | MOTOR MFR STANDARD                                       | 18 |                               |                               |                           |                              |   |  |
| 3                           |   |  | 19 |                               |                               |                           |                              |   |  |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS |  | 20 |                               |                               |                           |                              |   |  |
| 5                           |   |  | 21 |                               |                               |                           |                              |   |  |
| 6                           | MEASURING ELEMENT<br>MESSELEMENT        |  | 22 |                               |                               |                           |                              |   |  |
| 7                           |   |  | 23 |                               |                               |                           |                              |   |  |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE      |  | 24 |                               |                               |                           |                              |   |  |
| 9                           |   |  | 25 |                               |                               |                           |                              |   |  |
| 10                          |   |  | 26 |                               |                               |                           |                              |   |  |
| 11                          |   |  | 27 |                               |                               |                           |                              |   |  |
| 12                          |   |  | 28 |                               |                               |                           |                              |   |  |
| 13                          | POWER SUPPLY<br>HILFSENERGIE            | 24 VDC   | 29 |                               |                               |                           |                              |   |  |
| 14                          |   |  | 30 |                               |                               |                           |                              |   |  |
| 15                          |   |  | 31 |                               |                               |                           |                              |   |  |
| 16                          |   |  | 32 |                               |                               |                           |                              |   |  |
| REMARK:<br>BEMERKUNG:       |   |  |    |                               |                               |                           |                              |   |  |
| TAG-NO.<br>POS.-NR.         |   | DESIGNATION<br>BEZEICHNUNG                               |    |                               | OPER.TEMP.<br>BETR.TEMP.      | OPER.PRESS.<br>BETR.DRUCK |                              | MEDIUM<br>MEDIUM  |  |
| X1LSA 122652                |   | MOTOR COOLING WATER LEAKAGE<br>MOTOR KUEHLWASSER LECKAGE |    |                               | °C                            | xx barg                   |                              | WATER   |  |
|                             |   |  |    |                               |                               |                           |                              |   |  |
|                             |   |  |    |                               |                               |                           |                              |   |  |
| Rev.<br>Index               | 1                                       |  |    | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. |                           | Dept.<br>Abt.                | REV. LINE   |  |
| Date<br>Datum               | 05.08.05                                |  |    | 10.03.05                      | WEE / AWI                     |                           | TK52                         | REV. ZEILE ↑  |  |
| Drawn<br>Bearb.             | WEG                                     |  |    | Drawing No.<br>Zeichnungs-Nr. |                               | Rev.<br>Index             | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.   |  |
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|-----------------------------|-------------------------------------|--|----|-------------------------------|-------------------------------|------------------------------|-------------|---|--|
| CODE WORD<br>KENNWORT       |                                     | KOSBOOST                                       |    | DATA SHEET / DATENBLATT       |                               |                              |             |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                     | 312410   |    | WINDING                       |                               |                              |             |   |  |
| Ass. / BG:                  |                                     |  |    |                               |                               |                              |             |   |  |
| IDENT-NO.: / SACH-NR.:      |                                     |  |    |                               |                               |                              |             |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER          | MFG STANDARD                                   | 12 |                               |                               |                              |             |   |  |
| 2                           | TYPE<br>TYP                         | MFG STANDARD                                   | 13 |                               |                               |                              |             |   |  |
| 3                           | MEASURING ELEMENT<br>MESSELEMENT    | PT100  | 14 |                               |                               |                              |             |   |  |
| 4                           | QUANTITY ELEMENT<br>ANZAHL ELEMENT  | 1  | 15 |                               |                               |                              |             |   |  |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART     | 3 WIRE   | 16 |                               |                               |                              |             |   |  |
| 6                           |                                     |  | 17 |                               |                               |                              |             |   |  |
| 7                           | STANDARD<br>NORM                    | DIN  | 18 |                               |                               |                              |             |   |  |
| 8                           | ACCURACY<br>GENAUIGKEIT             | IEC 751 CLASS A                                | 19 |                               |                               |                              |             |   |  |
| 9                           | BULB DIAMETER<br>DURCHMESSER MANTEL | 6 mm   | 20 |                               |                               |                              |             |   |  |
| 10                          | BULB MATERIAL<br>MATERIAL MANTEL    | 316SS  | 21 |                               |                               |                              |             |   |  |
| 11                          | TOTAL LENGTH<br>FUEHLERLAENGE       | mm   | 22 |                               |                               |                              |             |   |  |
| REMARK:<br>BEMERKUNG:       |                                     |  |    |                               |                               |                              |             |   |  |
| TAG-NO.<br>POS.-NR.         |                                     | DESIGNATION<br>BEZEICHNUNG                     |    | OPER.TEMP.<br>BETR.TEMP.      |                               |                              |             |   |  |
| X1TE 122501A                |                                     | MOTOR JOURN. BRG. NDE<br>MOTOR RADIALLAGER NDE |    | 70 °C                         |                               |                              |             |   |  |
| X1TE 122501B                |                                     | MOTOR JOURN. BRG. NDE<br>MOTOR RADIALLAGER NDE |    | 70 °C                         |                               |                              |             |   |  |
| X1TE 122502A                |                                     | MOTOR JOURN. BRG. DE<br>MOTOR RADIALLAGER DE   |    | 70 °C                         |                               |                              |             |   |  |
| X1TE 122502B                |                                     | MOTOR JOURN. BRG. DE<br>MOTOR RADIALLAGER DE   |    | 70 °C                         |                               |                              |             |   |  |
| X1TE 122511A                |                                     | MOTOR WINDINGS U<br>MOTOR WICKLUNG U           |    | 80 °C                         |                               |                              |             |   |  |
| X1TE 122511B                |                                     | MOTOR WINDINGS U<br>MOTOR WICKLUNG U           |    | 80 °C                         |                               |                              |             |   |  |
| Rev.<br>Index               | 1                                   |  |    | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE   |   |  |
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| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT |                               |                               |                              |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | WINDING                 |                               |                               |                              |   |  |
| Ass. / BG:                  |  |          |  |                         |                               |                               |                              |   |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |                         |                               |                               |                              |   |  |
| TAG-NO.<br>POS.-NR.         | DESIGNATION<br>BEZEICHNUNG                     |          |  |                         | OPER.TEMP.<br>BETR.TEMP.      |                               |                              |   |  |
| X1TE 122512A                | MOTOR WINDINGS V<br>MOTOR WICKLUNG V           |          |  |                         | 80 °C                         |                               |                              |   |  |
| X1TE 122512B                | MOTOR WINDINGS V<br>MOTOR WICKLUNG V           |          |  |                         | 80 °C                         |                               |                              |   |  |
| X1TE 122513A                | MOTOR WINDINGS W<br>MOTOR WICKLUNG W           |          |  |                         | 80 °C                         |                               |                              |   |  |
| X1TE 122513B                | MOTOR WINDINGS W<br>MOTOR WICKLUNG W           |          |  |                         | 80 °C                         |                               |                              |   |  |
| X1TE 122514A                | MOTOR COOLING AIR COLD<br>MOTOR KUEHLLUFT KALT |          |  |                         | °C                            |                               |                              |   |  |
| X1TE 122514B                | MOTOR COOLING AIR COLD<br>MOTOR KUEHLLUFT KALT |          |  |                         | °C                            |                               |                              |   |  |
| X1TE 122515A                | MOTOR COOLING AIR HOT<br>MOTOR KUEHLLUFT HEISS |          |  |                         | °C                            |                               |                              |   |  |
| X1TE 122515B                | MOTOR COOLING AIR HOT<br>MOTOR KUEHLLUFT HEISS |          |  |                         | °C                            |                               |                              |   |  |
|                             |  |          |  |                         |                               |                               |                              |   |  |
| Rev.<br>Index               | 1  |          |  |                         | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE   |  |
| Date<br>Datum               | 05.08.05                                       |          |  |                         | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE  |  |
| Drawn<br>Bearb.             | WEG  |          |  |                         | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.   |  |
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|-----------------------------|--|----------|--|----------------------------|--|--|--|--|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT    |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | THERMOMETER<br>THERMOMETER |  |  |  |  |  |
| Ass. / BG:                  |  | 9102     |  |                            |  |  |  |  |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |                            |  |  |  |  |  |

|    |   |   |    |   |   |
|----|---|---|----|---|---|
| 1  | MANUFACTURER<br>HERSTELLER                    | WIKA  | 17 | THERMOWELL<br>SCHUTZHUELSE                      | SIEHE SEPARATES DTBL.<br>REF. SEPARATE DATA SHEET |
| 2  | TYPE<br>TYP                                   | S 5551  | 18 | THERMOWELL TYPE<br>TYP SCHUTZHUELSE             | BAR STOCK   |
| 3  | RANGE<br>MESSBEREICH                          | 0°C...+60°C                                       | 19 | THERMOWELL MATERIAL<br>MATERIAL SCHUTZHUELSE    | 316 SS  |
| 4  | CASE DIAMETER<br>DURCHMESSER GEHAEUSE         | 160 mm<br>6"                                      | 20 | THERMOWELL CONNECTION<br>ANSCHLUSS SCHUTZHUELSE | ½" NPT<br>½" NPTF                                 |
| 5  | MEASURING ELEMENT<br>MESSELEMENT              | BIMETALLWENDEL<br>COILED BIMETAL                  | 21 | PROCESS CONNECTION<br>ANSCHLUSS PROZESS         | 1-1/2" FLANGE                                     |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT      | BIMETALL<br>BIMETAL                               | 22 | INSERT LENGTH<br>EINBAULAENGE                   | mm  |
| 7  | ELEMENT DIAMETER<br>DURCHMESSER MESSELEMENT   | 6 mm  | 23 | LABEL<br>BESCHRIFTUNGSSCHILD                    | EDELSTAHLSCILD<br>SS TAG LABEL                    |
| 8  | ELEMENT CONNECTION<br>ANSCHLUSS MESSELEMENT   | ½" NPT<br>½" NPTM                                 | 24 | ZIFFERNBLATT<br>DIAL                            | AL, WEISS/ SKALA SCHWZ.<br>AL, WHT/ BLK LETTERING |
| 9  | SIZE AND LOCATION CON.<br>ANSCHLUSSLAGE       | RÜCKSEITIG<br>CENTER BACK                         | 25 | SKALENEINHEIT<br>SCALE UNIT                     | °C  |
| 10 | CASE MATERIAL<br>MATERIAL GEHAEUSE            | CrNi-STAHl<br>CrNi-STEEL                          | 26 |   |   |
| 11 | ACCURACY<br>GENAUIGKEIT                       | KLASSE 1,0 (DIN 16 203)<br>CLASS 1,0 (DIN 16 203) | 27 | ANSCHLUSSFORM<br>CONNECTOR                      | KLEMMVERSCHRAUBUNG<br>COMPRESSION FITTING         |
| 12 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR | 1,1 x MESSBEREICH<br>1,1 x MEASURING RANGE        | 28 | GEHÄUSEAUSFÜHRUNG<br>CASE                       | DREH- U. SCHWENKBAR<br>ADJUSTABLE EVERY ANGLE     |
| 13 | KIND OF MOUNTING<br>MONTAGEART                | ROHRMONTAGE<br>PIPE MOUNTED                       | 29 |   |   |
| 14 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART       | IP 56 (EN 60529/ IEC 529)                         | 30 |   |   |
| 15 | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG        | JA<br>YES   | 31 |   |   |
| 16 | GLASS COVER<br>GLASSCHEIBE                    | SICHERHEITSGLAS<br>SAFETY GLASS                   | 32 |   |   |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                             |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|--|--|--------------------------|---------------------------|--|------------------|
| X1TI 122516         | MOTOR COOLING WATER SUPPLY<br>MOTOR KUEHLWASSER ZULAUF |  | °C                       | xx barg                   |  | WATER            |
| X1TI 122517         | MOTOR COOLING WATER RETURN<br>MOTOR KUEHLWASSER ABLAUF |  | XX °C                    | XX barg                   |  | WATER            |
|                     |  |  |                          |                           |  |                  |

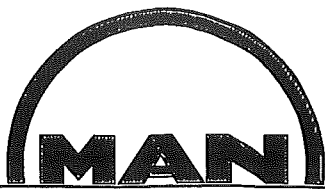
|                    |          |  |  |  |                               |          |                               |           |               |      |                              |
|--------------------|----------|--|--|--|-------------------------------|----------|-------------------------------|-----------|---------------|------|------------------------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | 10.03.05 | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt. | TK52 | REV. LINE                    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      |          | WEE / AWI                     |           | TK52          |      | REV. ZEILE ↑                 |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. |          |                               |           | Rev.<br>Index | 1    | CAD-Drawing<br>CAD-Zeichnung |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 M.TI              |          |                               |           | 1             | AP   | Sheet/Bl.<br>1 / 1           |

IDENT-NO.: / SACH-NR.:

|              |
|--------------|
| MANUFACTURER |
|--------------|

REMARK:  
BEMERKUNG:

| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE  |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|------------|
| ate<br>atum        | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE |
| awn<br>earb.       | WEG      |  |  |  |                               |                               |                              |            |
| checked<br>geprüft | AWI      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.  |
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|-----------------------------|---------------------------------------|--------------------------------|--|--|---|---|--|
| CODE WORD<br>KENNWORT       |                                       | KOSBOOST                       |  | DATA SHEET / DATENBLATT  |   |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                       | 312410                         |  | ELECTR. TEMPERATURE TRANSMITTER<br>ELEKTR. TEMPERATURTRANSMITTER |   |   |  |
| Ass. / BG:                  |                                       | 9112                           |  |  |   |   |  |
| IDENT-NO.: / SACH-NR.:      |                                       |                                |  |  |   |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER            | EMMERSON                       |  | 12   | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -40°C...+85°C<br>-40°F...+185°F   |  |
| 2                           | TYPE<br>TYP                           | 644R-A<br>4-20mA HART          |  | 13   | ELECTRICAL CONNECTION<br>ANSCHLUSS ELEKTRISCH     | SCHRAUBKLEMMEN<br>SCREW TERMINALS   |  |
| 3                           | RANGE<br>MESSBEREICH                  | PROGRAMMIERBAR<br>PROGRAMMABLE |  | 14   |   |   |  |
| 4                           | INPUT SIGNAL<br>EINGANGSSIGNAL        | Pt 100                         |  | 15   | KIND OF MOUNTING<br>MONTAGEART                    | SCHINENMONTAGE<br>RAIL MOUNTED  |  |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART       | 4-LEITER<br>4-WIRE             |  | 16   | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 20 (EN 60 529/ IEC 529)  |  |
| 6                           | POWER SUPPLY<br>HILFSENERGIE          | 12...42,4 V DC                 |  | 17   |   |   |  |
| 7                           | OUTPUT SIGNAL<br>AUSGANGSSIGNAL       | FOUNDATION FIELD BUS           |  | 18   | LABEL<br>BESCHRIFTUNGSSCHILD                      | AUFKLEBER<br>ADHESIVE   |  |
| 8                           | WIRE BREAK SIGNAL<br>DRAHTBRUCHSIGNAL | >21 mA                         |  | 19   | ÖRTLICHE ANZEIGE<br>LOCAL INDICATON               | NEIN<br>NO  |  |
| 9                           |                                       |                                |  | 20   |   |   |  |
| 10                          | ACCURACY<br>GENAUIGKEIT               | ±0,1 % D. EING. BEREICHS       |  | 21   | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET     | VOM MANUFACTURER (Q4)<br>BY HERSTELLER (Q4)   |  |
| 11                          | CASE MATERIAL<br>MATERIAL GEHAEUSE    | KUNSTSTOFF<br>SYNTHETIC RESIN  |  | 22   | BESTELL-NR.<br>CATALOGUE-NO.                      | 644R-A-NA-Q4  |  |

REMARK:

BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                     | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. |  |  |  |
|---------------------|--|----------------------------|--------------------------|--|--|--|
| X1TT 122501A        | MOTOR JOURN. BRG. NDE<br>MOTOR RADIALLAGER NDE | 0...200 °C                 |                          |  |  |  |
| X1TT 122501B        | MOTOR JOURN. BRG. NDE<br>MOTOR RADIALLAGER NDE | 0...200 °C                 |                          |  |  |  |
| X1TT 122502A        | MOTOR JOURN. BRG. DE<br>MOTOR RADIALLAGER DE   | 0...200 °C                 |                          |  |  |  |
| X1TT 122502B        | MOTOR JOURN. BRG. DE<br>MOTOR RADIALLAGER DE   | 0...200 °C                 |                          |  |  |  |
|                     |  |                            |                          |  |  |  |
|                     |  |                            |                          |  |  |  |

|                    |          |  |  |                               |             |                               |           |                              |      |            |       |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|-------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |       |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE | ↑     |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  | 2 / 2 |
| Checked<br>Geprüft | AWI      |  |  |                               | M.TT        |                               |           |                              |      |            |       |

|                             |                                       |                                      |  |  |   |   |
|-----------------------------|---------------------------------------|--------------------------------------|--|--|---|---|
| CODE WORD<br>KENNWORT       |                                       | KOSBOOST                             |  | DATA SHEET / DATENBLATT  |   |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                       | 312410                               |  | ELECTR. TEMPERATURE TRANSMITTER<br>ELEKTR. TEMPERATURTRANSMITTER |   |   |
| Ass. / BG:                  |                                       | 9112                                 |  |  |   |   |
| IDENT-NO.: / SACH-NR.:      |                                       |                                      |  |  |   |   |
| 1                           | MANUFACTURER<br>HERSTELLER            | EMMERSON                             |  | 12   | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -40°C...+85°C   |
| 2                           | TYPE<br>TYP                           | 644H-F                               |  | 13   | ELECTRICAL CONNECTION<br>ANSCHLUSS ELEKTRISCH     | -40°F...+185°F  |
| 3                           | RANGE<br>MESSBEREICH                  | FOUNDATION FIELBUS<br>PROGRAMMIERBAR |  | 14   |   | SCHRAUBKLEMMEN<br>SCREW TERMINALS   |
| 4                           | INPUT SIGNAL<br>EINGANGSSIGNAL        | Pt 100                               |  | 15   | KIND OF MOUNTING<br>MONTAGEART                    | KOPFMONTAGE<br>HEAD MOUNTED   |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART       | 4-LEITER<br>4-WIRE                   |  | 16   | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 20 (EN 60 529/ IEC 529)  |
| 6                           | POWER SUPPLY<br>HILFSENERGIE          | 12...42,4 V DC                       |  | 17   |   |   |
| 7                           | OUTPUT SIGNAL<br>AUSGANGSSIGNAL       | FOUNDATION FIELDBUS                  |  | 18   | LABEL<br>BESCHRIFTUNGSSCHILD                      | AUFKLEBER<br>ADHESIVE   |
| 8                           | WIRE BREAK SIGNAL<br>DRAHTBRUCHSIGNAL | >21 mA                               |  | 19   | ÖRTLICHE ANZEIGE<br>LOCAL INDICATON               | NEIN<br>NO  |
| 9                           |                                       |                                      |  | 20   |   |   |
| 10                          | ACCURACY<br>GENAUIGKEIT               | ±0,1 % D. EING. BEREICHS             |  | 21   | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET     | VOM MANUFACTURER (Q4)<br>BY HERSTELLER (Q4)   |
| 11                          | CASE MATERIAL<br>MATERIAL GEHAEUSE    | KUNSTSTOFF<br>SYNTHETIC RESIN        |  | 22   | BESTELL-NR.<br>CATALOGUE-NO.                      | 644H-F-NA-Q4  |

REMARK:

BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                     | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. |  |  |  |
|---------------------|--|----------------------------|--------------------------|--|--|--|
| X1TT 122514A        | MOTOR COOLING AIR COLD<br>MOTOR KUEHLLUFT KALT | 0...100 °C                 |                          |  |  |  |
| X1TT 122515A        | MOTOR COOLING AIR HOT<br>MOTOR KUEHLLUFT HEISS | 0...100 °C                 |                          |  |  |  |
|                     |  |                            |                          |  |  |  |
|                     |  |                            |                          |  |  |  |
|                     |  |                            |                          |  |  |  |
|                     |  |                            |                          |  |  |  |
|                     |  |                            |                          |  |  |  |
|                     |  |                            |                          |  |  |  |

|                 |          |                            |             |                            |           |                           |      |           |   |
|-----------------|----------|----------------------------|-------------|----------------------------|-----------|---------------------------|------|-----------|---|
| Rev. Index      | 1        | Date Datum                 | 10.03.05    | Drawn/Checked Bearb./Gepr. | WEE / AWI | Dept. Abt.                | TK52 | REV. LINE | <div>REV. ZEILE</div> <div>Sheet/Bl.</div> <div>1 / 2</div> |
| Date Datum      | 05.08.05 | Drawing No. Zeichnungs-Nr. | 10000198462 | Rev. Index                 | 1         | CAD-Drawing CAD-Zeichnung | AP   |           |   |
| Drawn Bearb.    | WEG      | M.TT                       |             |                            |           |                           |      |           |   |
| Checked Geprüft | AWI      |                            |             |                            |           |                           |      |           |   |

[illegible]



CODE WORD  
KENNWORT

KOSBOOST

## DATA SHEET / DATENBLATT

ORDER NO.  
AUFTRAGSNUMMER

312410

Ass. / BG:

IDENT-NO.: / SACH-NR.:



|   |                            |                       |    |  |  |
|---|----------------------------|-----------------------|----|--|--|
| 1 | MANUFACTURER<br>HERSTELLER | MTM STANDARD          | 7  |  |  |
| 2 | TYPE<br>TYP                | ORIFICE<br>MESSBLENDE | 8  |  |  |
| 3 |                            |                       | 9  |  |  |
| 4 |                            |                       | 10 |  |  |
| 5 |                            |                       | 11 |  |  |
| 6 |                            |                       | 12 |  |  |

REMARK:

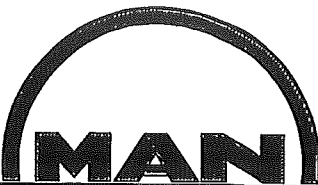
BEMERKUNG:

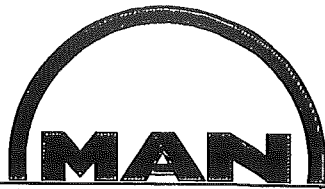
TAG-NO.  
POS.-NR.DESIGNATION  
BEZEICHNUNG

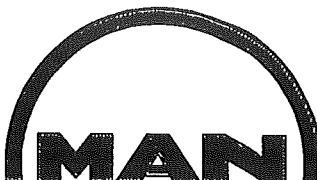
FO 168YY

COMPR. LUBE OIL HEADER  
KOMPR. SCHMIEROELSAMMELLEITUNG

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 0.FO              | 1                             | AP                           | 1 / 1        |

|                             |   |   |    |   |   |                               |                              |   |  |
|-----------------------------|---|---|----|---|---|-------------------------------|------------------------------|---|--|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                                      |    | DATA SHEET / DATENBLATT                           |   |                               |                              |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410  |    | LEVEL INDICATOR<br>NIVEAUSTANDANZEIGER            |   |                               |                              |   |  |
| Ass. / BG:                  |   | 9113  |    |   |   |                               |                              |   |  |
| IDENT-NO.: / SACH-NR.:      |   |   |    |   |   |                               |                              |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER                          | KUEBLER                                       | 17 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR     | -40°C...+200°C<br>-40°F...392°F               |                               |                              |   |  |
| 2                           | TYPE<br>TYP   | BMG   | 18 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -30°C...+120°C<br>-22°F...248°F               |                               |                              |   |  |
| 3                           | RANGE<br>MESSBEREICH                                | 0...100 %                                     | 19 |   |   |                               |                              |   |  |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | 1" 150lbs RF [1.4571]                         | 20 |   |   |                               |                              |   |  |
| 5                           | STANDARD<br>NORM                                    | ANSI  | 21 |   |   |                               |                              |   |  |
| 6                           | MEASURING ELEMENT<br>MESSELEMENT                    | SCHWIMMER<br>FLOAT                            | 22 |   |   |                               |                              |   |  |
| 7                           | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4571<br>AISI 316 TI                         | 23 | LABEL<br>BESCHRIFTUNGSSCHILD                      | EDELSTAHLSCILD<br>SS TAG LABEL                |                               |                              |   |  |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | 1.4571<br>AISI 316 TI                         | 24 |   |   |                               |                              |   |  |
| 9                           | CENTRE DISTANCE<br>MITTENABSTAND                    | 600mm   | 25 | MESSWERTANZEIGE<br>INDICATION                     | MAGNETROLLEN ROT/WEISS<br>MAGN. ROLLS RED/WHT |                               |                              |   |  |
| 10                          | VENT<br>ENTLUEFTUNG                                 | STOPFEN 1/4"-14 NPT<br>PLUG 1/4"-14 NPT       | 26 | AUFLOESUNG<br>RESOLUTION                          | 10mm<br>0,4"                                  |                               |                              |   |  |
| 11                          | DRAIN<br>ENTLEERUNG                                 | SS VENTIL 1/4"-14 NPT<br>SS VALVE 1/4"-14 NPT | 27 |   |   |                               |                              |   |  |
| 12                          | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2 WIRE                            | 28 |   |   |                               |                              |   |  |
| 13                          | POWER SUPPLY<br>HILFSENERGIE                        | 12...30 V DC                                  | 29 |   |   |                               |                              |   |  |
| 14                          | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA                                     | 30 |   |   |                               |                              |   |  |
| 15                          |   |   | 31 |   |   |                               |                              |   |  |
| 16                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 16bar<br>3152psi                              | 32 |   |   |                               |                              |   |  |
| REMARK:<br>BEMERKUNG:       |   |   |    |   |   |                               |                              |   |  |
| TAG-NO.<br>POS.-NR.         |   | DESIGNATION<br>BEZEICHNUNG                    |    | OPER. TEMP.<br>BETR. TEMP.                        |   | OPER. PRESS.<br>BETR. DRUCK   |                              | MEDIUM<br>MEDIUM  |  |
| LIT 16812                   |   | OIL RESERVOIR<br>OELTANK                      |    | 60 °C   |   | -10 mbar (g)                  |                              | OIL   |  |
|                             |   |   |    |   |   |                               |                              |   |  |
|                             |   |   |    |   |   |                               |                              |   |  |
| Rev.<br>Index               | 1   |   |    | Date<br>Datum                                     | 05.08.05                                      | Drawn/Checked<br>Bearb./Gepr. | TK52                         | REV. LINE<br>REV. ZEILE   |  |
| Date<br>Datum               | 05.08.05  |   |    | 10.03.05  | WEE / AWI                                     |                               |                              |   |  |
| Drawn<br>Bearb.             | WEG   |   |    | Drawing No.<br>Zeichnungs-Nr.                     | 10000198462 O.L                               | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.<br>1 / 1  |  |
| Checked<br>Geprüft          | AWI   |   |    |   |   | 1                             | AP                           |   |  |

|   |   |   |    |   |  |   |            |
|---|---|---|----|---|--|---|------------|
| CODE WORD<br>KENNWORT   |   | KOSBOOST  |    | DATA SHEET / DATENBLATT                 |  |  |            |
| ORDER NO.<br>AUFTRAGSNUMMER   |   | 312410  |    | PRESSURE GAUGE<br>MANOMETER             |  |   |            |
| Ass. / BG:  |   | 9101  |    |   |  |   |            |
| IDENT-NO.: / SACH-NR.:  |   |   |    |   |  |   |            |
| 1   | MANUFACTURER<br>HERSTELLER                          | WIKA  | 17 | SIZE AND LOCATION CON.<br>ANSCHLUSSLAGE | RADIAL UNTEN<br>RADIAL BOTTOM ENTRY          |   |            |
| 2   | TYPE<br>TYP   | 233.30.100  | 18 | GLASS COVER<br>GLASSCHEIBE              | SICHERHEITSGLAS<br>SAFETY GLASS              |   |            |
| 3   | RANGE<br>MESSBEREICH                                | 0...10 bar(g)                                     | 19 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART | IP 65 (EN 60 529/ IEC 529)                   |   |            |
| 4   | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2" B MALE                                     | 20 | KIND OF MOUNTING<br>MONTAGEART          | MESSGESTELL-MONTAGE<br>GAUGE BOARD MOUNTED   |   |            |
| 5   | MEASURING ELEMENT<br>MESSELEMENT                    | ROHRFEDER<br>BOURDON TUBE                         | 21 |   |  |   |            |
| 6   | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | ALUMINIUM   | 22 | LABEL<br>BESCHRIFTUNGSSCHILD            | EDELSTAHLSCILD<br>SS TAG LABEL               |   |            |
| 7   | CASE DIAMETER<br>DURCHMESSER GEHAEUSE               | 100 mm<br>4"                                      | 23 | ZIFFERNBLATT<br>DIAL                    | WEISS/ SKALA SCHWZ.<br>WHITE/ BLK. LETTERING |   |            |
| 8   | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | CrNi-STAHL<br>CrNi STEEL                          | 24 | SKALENEINHEIT<br>SCALE UNIT             | bar<br>bar                                   |   |            |
| 9   |   |   | 25 |   |  |   |            |
| 10  | ACCURACY<br>GENAUIGKEIT                             | KLASSE 1,0 (DIN 16 005)<br>CLASS 1,0 (DIN 16 005) | 26 |   |  |   |            |
| 11  | BLOW OUT DISC<br>AUSBLASEOEFFNUNG                   | AUSBLASBARE RUECKWAND<br>BLOW-OUT BACK            | 27 |   |  |   |            |
| 12  | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | GLYZERIN<br>GLYCERINE                             | 28 |   |  |   |            |
| 13  | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 1,3 x SKALENENDWERT<br>1,3 x FULL SCALE VALUE     | 29 |   |  |   |            |
| 14  |   |   | 30 |   |  |   |            |
| 15  | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | +100°C MAX.<br>+212°F MAX.                        | 31 |   |  |   |            |
| 16  | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR   | -20°C...+60°C<br>-4°F...+140°F                    | 32 |   |  |   |            |
| REMARK:                   SICHERHEITSAUSFUEHRUNG                   SAFETY PRESSURE GAUGE<br>BEMERKUNG:           MIT BRUCHSICHERER TRENNWAND           WITH SOLID BAFFLE WALL |   |   |    |   |  |   |            |
| TAG-NO.<br>POS.-NR.   |   | DESIGNATION<br>BEZEICHNUNG                        |    | OPER.PRESS.<br>BETR.DRUCK               |  | MEDIUM<br>MEDIUM  |            |
| PI 16823  |   | OIL PUMP 1 DISCHARGE<br>OELPUMPE 1 DRUCKSEITE     |    | 4 bar (g)                               |  | OIL   |            |
| PI 16824  |   | OIL PUMP 2 DISCHARGE<br>OELPUMPE 2 DRUCKSEITE     |    | 4 bar (g)                               |  | OIL   |            |
|   |   |   |    |   |  |   |            |
| Rev.<br>Index   | 1   |   |    | Date<br>Datum                           | Drawn/Checked<br>Bearb./Gepr.                | Dept.<br>Abt.   | REV. LINE  |
| Date<br>Datum   | 05.08.05  |   |    | 10.03.05                                | WEE / AWI                                    | TK52  | REV. ZEILE |
| Drawn<br>Bearb.   | WEG   |   |    | Drawing No.<br>Zeichnungs-Nr.           | Rev.<br>Index                                | CAD-Drawing<br>CAD-Zeichnung  | Sheet/Bl.  |
| Checked<br>Geprüft  | AWI   |   |    | 10000198462 O.P                         | 1  | AP  | 1 / 2      |

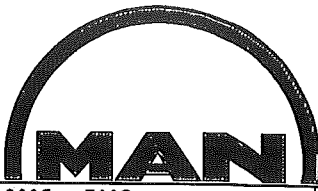
|                             |   |                                  |    |  |  |   |
|-----------------------------|---|----------------------------------|----|--|--|---|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                         |    | DATA SHEET / DATENBLATT                                  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410                           |    | ELECTR. PRESSURE TRANSMITTER<br>ELEKTR. DRUCKTRANSMITTER |  |   |
| Ass. / BG:                  |   | 9111                             |    |  |  |   |
| IDENT-NO.: / SACH-NR.:      |   |                                  |    |  |  |   |
| 1                           | MANUFACTURER<br>HERSTELLER                          | ABB                              | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR        | -20°C...+70°C<br>-4°F...+158°F                 |   |
| 2                           | TYPE<br>TYP   | ABB 264GS.U.K.P.N.B.1-L1.C6.H3   | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                          | M20x1,5<br>M20x1,5                             |   |
| 3                           | RANGE<br>MESSBEREICH                                | 0 bar(a)...30 bar(g)             | 19 |  |  |   |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2"                           | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART                  | IP 67 (EN 60 529/ IEC 529)<br>NEMA 4X          |   |
| 5                           | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM             | 21 |  |  |   |
| 6                           | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | STAINLESS STEEL                  | 22 |  |  |   |
| 7                           |   |                                  | 23 |  |  |   |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | ALUMINIUM<br>ALUMINIUM           | 24 | LABEL<br>BESCHRIFTUNGSSCHILD                             | EDELSTAHLSCILD<br>SS TAG LABEL                 |   |
| 9                           | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONÖL<br>SILICON OIL         | 25 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET                   | STAINLESS STEEL (B4)<br>EDELSTAHL (B4)         |   |
| 10                          | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE               | 26 | MESSWERTANZEIGE<br>INDICATION                            | LCD ANZEIGE [bar] (M5)<br>LCD METER [bar] (M5) |   |
| 11                          | POWER SUPPLY<br>HILFSENERGIE                        | 10.5...42 V DC                   | 27 |  |  |   |
| 12                          | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA, HART                  | 28 |  |  |   |
| 13                          | ACCURACY<br>GENAUIGKEIT                             | ± 0.075 %                        | 29 |  |  |   |
| 14                          |   |                                  | 30 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE                  | EN 10 204 3.1.B (Q8)                           |   |
| 15                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 60 barg<br>855 psig              | 31 |  |  |   |
| 16                          | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -50°C...+121°C<br>-58°F...+250°F | 32 |  |  |   |

REMARK:

BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                 | ADJU.RANGE<br>EING.BEREICH | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|--|----------------------------|---------------------------|------------------|
| PIT 16854           | OIL FILTER DOWNSTREAM<br>NACH OELFILTER    | 0...4 bar                  | 3 bar (g)                 | OIL              |
| PIT 16855           | OIL SIMULATION LINE<br>OEL SIMULIERLEITUNG | 0 bar ... 4 bar            | 3 bar (g)                 | OIL              |
|                     |  |                            |                           |                  |

|                    |          |                               |             |                               |           |                              |      |            |
|--------------------|----------|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        | Date<br>Datum                 | 05.08.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |                               | 0.P         |                               |           |                              |      | 2 / 2      |

|                             |   |                                  |  |  |   |  |           |   |  |
|-----------------------------|---|----------------------------------|--|--|---|--|-----------|---|--|
| CODE WORD<br>KENNWORD       |   | KOSBOOST                         |  | DATA SHEET / DATENBLATT                                  |   |  |           |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410                           |  | ELECTR. PRESSURE TRANSMITTER<br>ELEKTR. DRUCKTRANSMITTER |   |  |           |   |  |
| Ass. / BG:                  |   | 9111                             |  |  |   |  |           |   |  |
| IDENT-NO.: / SACH-NR.:      |   |                                  |  |  |   |  |           |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER                          | ABB                              |  | 17   | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -20°C...+70°C<br>-4°F...+158°F                   |           |   |  |
| 2                           | TYPE<br>TYP   | ABB 264GS.C.J.P.8.B.1-L1.C6.H3   |  | 18   | CABLE ENTRY<br>KABELEINFUEHRUNG                   | M20x1,5<br>M20x1,5                               |           |   |  |
| 3                           | RANGE<br>MESSBEREICH                                | -60 mbar...60 mbar               |  | 19   |   |  |           |   |  |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2"                           |  | 20   | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 67 (EN 60 529/ IEC 529)<br>NEMA 4X            |           |   |  |
| 5                           | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM             |  | 21   |   |  |           |   |  |
| 6                           | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | KERAMIK<br>CERAMIC               |  | 22   |   |  |           |   |  |
| 7                           |   |                                  |  | 23   |   |  |           |   |  |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | ALUMINIUM<br>ALUMINIUM           |  | 24   | LABEL<br>BESCHRIFTUNGSSCHILD                      | EDELSTAHLSCILD<br>SS TAG LABEL                   |           |   |  |
| 9                           | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | KEINE FÜLLUNG<br>NO FILLING      |  | 25   | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET            | STAINLESS STEEL (B4)<br>EDELSTAHL (B4)           |           |   |  |
| 10                          | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE               |  | 26   | MESSWERTANZEIGE<br>INDICATION                     | LCD ANZEIGE [mbar] (M5)<br>LCD METER [mbar] (M5) |           |   |  |
| 11                          | POWER SUPPLY<br>HILFSENERGIE                        | 10.5...42 V DC                   |  | 27   |   |  |           |   |  |
| 12                          | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA, HART                  |  | 28   |   |  |           |   |  |
| 13                          | ACCURACY<br>GENAUIGKEIT                             | ± 0.075 %                        |  | 29   |   |  |           |   |  |
| 14                          |   |                                  |  | 30   | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE           | EN 10 204 3.1.B (Q8)                             |           |   |  |
| 15                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 10 barg<br>130 psig              |  | 31   |   |  |           |   |  |
| 16                          | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -50°C...+121°C<br>-58°F...+250°F |  | 32   |   |  |           |   |  |
| REMARK:<br>BEMERKUNG:       |   |                                  |  |  |   |  |           |   |  |
| TAG-NO.<br>POS.-NR.         |   | DESIGNATION<br>BEZEICHNUNG       |  | ADJU.RANGE<br>EING.BEREICH                               |   | OPER.PRESS.<br>BETR.DRUCK                        |           | MEDIUM<br>MEDIUM  |  |
| PIT 16812                   |   | OIL RESERVOIR<br>OELTANK         |  | -15 mbar ...<br>+15 mbar                                 |   |  |           |   |  |
|                             |   |                                  |  |  |   |  |           |   |  |
|                             |   |                                  |  |  |   |  |           |   |  |
| Rev.<br>Index               | 1   |                                  |  | Date<br>Datum  | 10.03.05  | Drawn/Checked<br>Bearb./Gepr.                    | WEE / AWI | REV. LINE<br>REV. ZEILE   |  |
| Date<br>Datum               | 05.08.05  |                                  |  |  |   | Dept.<br>Abt.                                    | TK52      |   |  |
| Drawn<br>Bearb.             | WEG   |                                  |  | Drawing No.<br>Zeichnungs-Nr.                            | 10000198462 0.PDS                                 | Rev.<br>Index                                    | 1         | Sheet/Bl.<br>1 / 1  |  |
| Checked<br>Geprüft          | AWI   |                                  |  |  |   | CAD-Drawing<br>CAD-Zeichnung                     | AP        |   |  |

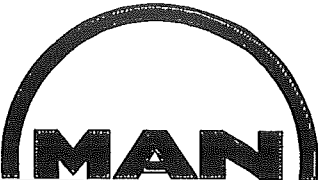
|                             |  |          |  |                                    |  |  |  |  |  |
|-----------------------------|--|----------|--|------------------------------------|--|--|--|--|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT            |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | ELECTR. DIFF. PRESSURE TRANSMITTER |  |  |  |  |  |
| Ass. / BG:                  |  | 9111     |  | ELEKTR. DIFF. DRUCKTRANSMITTER     |  |  |  |  |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |                                    |  |  |  |  |  |

|    |   |   |    |   |  |
|----|---|---|----|---|--|
| 1  | MANUFACTURER<br>HERSTELLER                          | ABB   | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -20°C...+70°C<br>-4°F...+158°F                 |
| 2  | TYPE<br>TYP   | 264DS                                       | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                   | 2 x M20x1,5<br>2 x M20x1,5                     |
| 3  | RANGE<br>MESSBEREICH                                | -1,6...1,6 bar<br>-23psi...23psi            | 19 |   |  |
| 4  | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | VERTICAL CONNECTION 1/4"                    | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 67 (EN 60 529/ IEC 529)<br>NEMA 4X          |
| 5  | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM                        | 21 |   |  |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4404<br>AISI 316L                         | 22 |   |  |
| 7  | O-RING MATERIAL<br>MATERIAL O-RING                  | PTFE  | 23 |   |  |
| 8  | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | PU BESCHICHTETES AL<br>PU COVERED ALUMINIUM | 24 | LABEL<br>BESCHRIFTUNGSSCHILD                      | EDELSTAHLSCILD<br>SS TAG LABEL                 |
| 9  | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONOL<br>SILICONE                       | 25 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET            | STAINLESS STEEL (B4)<br>EDELSTAHL (B4)         |
| 10 | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE                          | 26 | MESSWERTANZEIGE<br>INDICATION                     | LCD ANZEIGE [bar] (M5)<br>LCD METER [bar] (M5) |
| 11 | POWER SUPPLY<br>HILFSENERGIE                        | 10,5...42 V DC                              | 27 |   |  |
| 12 | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA, HART                             | 28 |   |  |
| 13 | ACCURACY<br>GENAUIGKEIT                             | 0,075 %                                     | 29 |   |  |
| 14 |   |   | 30 | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET     | VOM HERSTELLER (Q4)<br>BY MANUFACTURER (Q4)    |
| 15 | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 210 barg<br>3031 psig                       | 31 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE           | EN 10 204 3.1.B (Q8)                           |
| 16 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -40°C...+121°C<br>-40°F...+250°F            | 32 |   |  |

REMARK: DIRECT MOUNTED 5-VALVE MANIFOLD  
 BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG | ADJU.RANGE<br>EING.BEREICH | DIFF.PRESS.<br>DIFF.DRUCK | STAT.PRESS.<br>STAT.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|----------------------------|----------------------------|---------------------------|---------------------------|------------------|
| PDIT 16846          | OIL FILTER<br>OELFILTER    | 0 bar.....<br>+1,6 bar     |                           | 2.5-4.3<br>bar(g)         | OIL              |
|                     |                            |                            |                           |                           |                  |
|                     |                            |                            |                           |                           |                  |

|                    |          |                               |             |                               |           |                              |      |              |
|--------------------|----------|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|--------------|
| Rev.<br>Index      | 1        | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE    |
| Date<br>Datum      | 05.08.05 | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bt.    |
| Checked<br>Geprüft | AWI      |                               | 0.PDT       |                               |           |                              |      | 1 / 1        |


|                             |  |          |  |                             |  |  |  |   |  |
|-----------------------------|--|----------|--|-----------------------------|--|--|--|---|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT     |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | PRESSURE GAUGE<br>MANOMETER |  |  |  |   |  |
| Ass. / BG:                  |  | 9101     |  |                             |  |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |                             |  |  |  |   |  |

|    |   |   |    |   |  |
|----|---|---|----|---|--|
| 1  | MANUFACTURER<br>HERSTELLER                          | WIKA  | 17 | SIZE AND LOCATION CON.<br>ANSCHLUSSLAGE | RADIAL UNTEN<br>RADIAL BOTTOM ENTRY          |
| 2  | TYPE<br>TYP   | 233.30.160  | 18 | GLASS COVER<br>GLASSSCHEIBE             | SICHERHEITSGLAS<br>SAFETY GLASS              |
| 3  |   |   | 19 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART | IP 65 (EN 60 529/ IEC 529)                   |
| 4  |   |   | 20 | KIND OF MOUNTING<br>MONTAGEART          | MESSGESTELL-MONTAGE<br>GAUGE BOARD MOUNTED   |
| 5  | MEASURING ELEMENT<br>MESSELEMENT                    | ROHRFEDER<br>BOURDON TUBE                         | 21 |   |  |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4571<br>AISI 316 TI                             | 22 | LABEL<br>BESCHRIFTUNGSSCHILD            | EDELSTAHLSCILD<br>SS TAG LABEL               |
| 7  | CASE DIAMETER<br>DURCHMESSER GEHAEUSE               | 160 mm<br>6"                                      | 23 | ZIFFERNBLATT<br>DIAL                    | WEISS/ SKALA SCHWZ.<br>WHITE/ BLK. LETTERING |
| 8  | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | CrNi-STAHL<br>CrNi STEEL                          | 24 | SKALENEINHEIT<br>SCALE UNIT             | bar<br>bar                                   |
| 9  |   |   | 25 |   |  |
| 10 | ACCURACY<br>GENAUIGKEIT                             | KLASSE 1,0 (DIN 16 005)<br>CLASS 1,0 (DIN 16 005) | 26 |   |  |
| 11 | BLOW OUT DISC<br>AUSBLASEOEFFNUNG                   | AUSBLASBARE RUECKWAND<br>BLOW-OUT BACK            | 27 |   |  |
| 12 | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | GLYZERIN<br>GLYCERINE                             | 28 |   |  |
| 13 | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 1,3 x SKALENENDWERT<br>1,3 x FULL SCALE VALUE     | 29 |   |  |
| 14 |   |   | 30 |   |  |
| 15 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | +100°C MAX.<br>+212°F MAX.                        | 31 |   |  |
| 16 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR   | -20°C...+60°C<br>-4°F...+140°F                    | 32 |   |  |

|            |                             |                        |
|------------|-----------------------------|------------------------|
| REMARK:    | SICHERHEITSAUSFUEHRUNG      | SAFETY PRESSURE GAUGE  |
| BEMERKUNG: | MIT BRUCHSICHERER TRENNWAND | WITH SOLID BAFFLE WALL |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                               |  |  | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|--|--|--|---------------------------|--|------------------|
| PI 168ZZ            | COMPR. LUBE OIL HEADER<br>KOMPR. SCHMIEROELSAMMELLEITUNG |  |  |                           |  |                  |
| PI 168XX            | COMPR. LUBE OIL SUPPLY<br>KOMPR. SCHMIEROELZULAUF        |  |  | 3 bar (g)                 |  | OIL              |
|                     |  |  |  |                           |  |                  |

|                    |          |  |  |  |                               |          |                               |           |                              |      |            |
|--------------------|----------|--|--|--|-------------------------------|----------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | 10.03.05 | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  |                               |          |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. |          | Rev.<br>Index                 |           | CAD-Drawing<br>CAD-Zeichnung |      | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 0.PI              |          | 1                             |           | AP                           |      | 1 / 1      |

|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSB00ST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

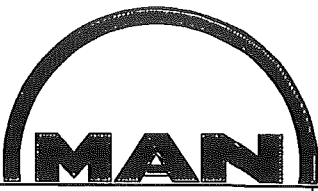
|    |                            |      |    |  |  |
|----|----------------------------|------|----|--|--|
| 1  | MANUFACTURER<br>HERSTELLER | RONI | 17 |  |  |
| 2  | TYPE<br>TYP                |      | 18 |  |  |
| 3  |                            |      | 19 |  |  |
| 4  |                            |      | 20 |  |  |
| 5  |                            |      | 21 |  |  |
| 6  |                            |      | 22 |  |  |
| 7  |                            |      | 23 |  |  |
| 8  |                            |      | 24 |  |  |
| 9  |                            |      | 25 |  |  |
| 10 |                            |      | 26 |  |  |
| 11 |                            |      | 27 |  |  |
| 12 |                            |      | 28 |  |  |
| 13 |                            |      | 29 |  |  |
| 14 |                            |      | 30 |  |  |
| 15 |                            |      | 31 |  |  |
| 16 |                            |      | 32 |  |  |

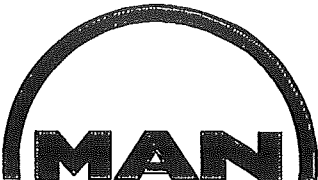
|                       |
|-----------------------|
| REMARK:<br>BEMERKUNG: |
|-----------------------|

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG              |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---|--|--------------------------|---------------------------|--|------------------|
| TC 16810            | OIL RESERVOIR HEATER<br>OELTANK HEIZUNG |  | 60 °C                    | -10 mbar (g)              |  | OIL              |
|                     |   |  |                          |                           |  |                  |
|                     |   |  |                          |                           |  |                  |

|                    |          |  |  |                               |             |                               |           |                              |      |              |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|--------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bt.    |
| Checked<br>Geprüft | AWI      |  |  |                               | 0.TC        |                               |           |                              |      | 1 / 1        |




|                             |                            |   |  |                         |                               |                               |                           |   |  |
|-----------------------------|----------------------------|---|--|-------------------------|-------------------------------|-------------------------------|---------------------------|---|--|
| CODE WORD<br>KENNWORT       |                            | KOSBOOST                                |  | DATA SHEET / DATENBLATT |                               |                               |                           |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                            | 312410                                  |  |                         |                               |                               |                           |   |  |
| Ass. / BG:                  |                            |   |  |                         |                               |                               |                           |   |  |
| IDENT-NO.: / SACH-NR.:      |                            |   |  |                         |                               |                               |                           |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER |   |  |                         | 17                            |                               |                           |   |  |
| 2                           | TYPE<br>TYP                |   |  |                         | 18                            |                               |                           |   |  |
| 3                           |                            |   |  |                         | 19                            |                               |                           |   |  |
| 4                           |                            |   |  |                         | 20                            |                               |                           |   |  |
| 5                           |                            |   |  |                         | 21                            |                               |                           |   |  |
| 6                           |                            |   |  |                         | 22                            |                               |                           |   |  |
| 7                           |                            |   |  |                         | 23                            |                               |                           |   |  |
| 8                           |                            |   |  |                         | 24                            |                               |                           |   |  |
| 9                           |                            |   |  |                         | 25                            |                               |                           |   |  |
| 10                          |                            |   |  |                         | 26                            |                               |                           |   |  |
| 11                          |                            |   |  |                         | 27                            |                               |                           |   |  |
| 12                          |                            |   |  |                         | 28                            |                               |                           |   |  |
| 13                          |                            |   |  |                         | 29                            |                               |                           |   |  |
| 14                          |                            |   |  |                         | 30                            |                               |                           |   |  |
| 15                          |                            |   |  |                         | 31                            |                               |                           |   |  |
| 16                          |                            |   |  |                         | 32                            |                               |                           |   |  |
| REMARK:<br>BEMERKUNG:       |                            |   |  |                         |                               |                               |                           |   |  |
| TAG-NO.<br>POS.-NR.         |                            | DESIGNATION<br>BEZEICHNUNG              |  |                         |                               | OPER.TEMP.<br>BETR.TEMP.      | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM  |  |
| TE 16854                    |                            | OIL FILTER DOWNSTREAM<br>NACH OELFILTER |  |                         |                               | 45 °C                         | 3 bar (g)                 | OIL   |  |
|                             |                            |   |  |                         |                               |                               |                           |   |  |
|                             |                            |   |  |                         |                               |                               |                           |   |  |
| Rev.<br>Index               | 1                          |   |  |                         | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. |                           | Rev.<br>Index   |  |
| Date<br>Datum               | 05.08.05                   |   |  |                         | 10.03.05                      | WEE / AWI                     |                           | TK52  |  |
| Drawn<br>Bearb.             | WEG                        |   |  |                         | Drawing No.<br>Zeichnungs-Nr. |                               |                           | CAD-Drawing<br>CAD-Zeichnung  |  |
| Checked<br>Geprüft          | AWI                        |   |  |                         | 10000198462 O.TE              | 1                             |                           | AP  |  |
|                             |                            |   |  |                         |                               |                               |                           | REV. LINE<br>REV. ZEILE<br>Sheet/Bl.<br>1 / 2                                       |  |

|                             |                                 |                       |    |  |                                     |   |
|-----------------------------|---------------------------------|-----------------------|----|--|-------------------------------------|---|
| CODE WORD<br>KENNWORD       |                                 | KOSBOOST              |    | DATA SHEET / DATENBLATT  |                                     |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                 | 312410                |    | ELECTR. TEMPERATURE TRANSMITTER<br>ELEKTR. TEMPERATURTRANSMITTER |                                     |   |
| Ass. / BG:                  |                                 | 9112                  |    |  |                                     |   |
| IDENT-NO.: / SACH-NR.:      |                                 |                       |    |  |                                     |   |
| 1                           | MANUFACTURER<br>HERSTELLER      | ABB                   | 12 |  |                                     |   |
| 2                           | TYPE<br>TYP                     | V10515<br>4-20mA HART | 13 | ELECTRICAL CONNECTION<br>ANSCHLUSS ELEKTRISCH                    | M20x1,5                             |   |
| 3                           |                                 |                       | 14 |  |                                     |   |
| 4                           | INPUT SIGNAL<br>EINGANGSSIGNAL  | Pt 100                | 15 | KIND OF MOUNTING<br>MONTAGEART                                   | G 1/2" MALE                         |   |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART | 3-LEITER<br>3-WIRE    | 16 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART                          | IP 66(EN 60 529/ IEC 529)<br>4xNEMA |   |
| 6                           |                                 |                       | 17 |  |                                     |   |
| 7                           |                                 |                       | 18 |  |                                     |   |
| 8                           |                                 |                       | 19 |  |                                     |   |
| 9                           |                                 |                       | 20 |  |                                     |   |
| 10                          |                                 |                       | 21 |  |                                     |   |
| 11                          |                                 |                       | 22 |  |                                     |   |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. |  |  |  |
|---------------------|----------------------------|----------------------------|--------------------------|--|--|--|
| TE 16812            | OIL RESERVOIR<br>OELTANK   |                            | 60 °C                    |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |

|                    |          |  |  |                               |             |                               |           |                              |      |            |       |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|-------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |       |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE | ↑     |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bi.  | 2 / 2 |
| Checked<br>Geprüft | AWI      |  |  |                               | O.TE        |                               |           |                              |      |            |       |


|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

|    |                            |      |    |  |  |
|----|----------------------------|------|----|--|--|
| 1  | MANUFACTURER<br>HERSTELLER | RONI | 17 |  |  |
| 2  | TYPE<br>TYP                |      | 18 |  |  |
| 3  |                            |      | 19 |  |  |
| 4  |                            |      | 20 |  |  |
| 5  |                            |      | 21 |  |  |
| 6  |                            |      | 22 |  |  |
| 7  |                            |      | 23 |  |  |
| 8  |                            |      | 24 |  |  |
| 9  |                            |      | 25 |  |  |
| 10 |                            |      | 26 |  |  |
| 11 |                            |      | 27 |  |  |
| 12 |                            |      | 28 |  |  |
| 13 |                            |      | 29 |  |  |
| 14 |                            |      | 30 |  |  |
| 15 |                            |      | 31 |  |  |
| 16 |                            |      | 32 |  |  |

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|-----------------------|
| REMARK:<br>BEMERKUNG: |
|-----------------------|

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG              |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---|--|--------------------------|---------------------------|--|------------------|
| TS 16810            | OIL RESERVOIR HEATER<br>OELTANK HEIZUNG |  | 60 °C                    | -10 mbar (g)              |  | OIL              |
|                     |   |  |                          |                           |  |                  |
|                     |   |  |                          |                           |  |                  |


|                    |          |  |  |                               |             |                               |           |                              |      |            |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |                               | 0.TS        |                               |           |                              |      | 1 / 1      |

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|-----------------------------|------------------------------------|------------------------|--|---------------------------------|---|---|
| CODE WORD<br>KENNWORT       |                                    | KOSBOOST               |  | DATA SHEET / DATENBLATT         |   |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                    | 312410                 |  | ELECTR. TEMPERATURE TRANSMITTER |   |   |
| Ass. / BG:                  |                                    | 9112                   |  | ELEKTR. TEMPERATURTRANSMITTER   |   |   |
| IDENT-NO.: / SACH-NR.:      |                                    |                        |  |                                 |   |   |
| 1                           | MANUFACTURER<br>HERSTELLER         | ABB                    |  | 12                              | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -20°C...+70°C<br>-4°F...158°F   |
| 2                           | TYPE<br>TYP                        | V11523<br>4-20mA HART  |  | 13                              | ELECTRICAL CONNECTION<br>ANSCHLUSS ELEKTRISCH     | M20x1,5   |
| 3                           |                                    |                        |  | 14                              |   |   |
| 4                           |                                    |                        |  | 15                              | KIND OF MOUNTING<br>MONTAGEART                    | G 1/2" MALE   |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART    | 2-LEITER<br>2-WIRE     |  | 16                              | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 67(EN 60 529/ IEC 529)<br>4xNEMA   |
| 6                           | POWER SUPPLY<br>HILFSENERGIE       | 10,5 VDC...32 VDC      |  | 17                              |   |   |
| 7                           |                                    |                        |  | 18                              |   |   |
| 8                           |                                    |                        |  | 19                              | MOUNTING BRACKET                                  | CARBON STEEL ZINC PLATED<br>FOR WALL MOUNTING                                       |
| 9                           |                                    |                        |  | 20                              | INDICATION  | LCD IN °C   |
| 10                          |                                    |                        |  | 21                              |   |   |
| 11                          | CASE MATERIAL<br>MATERIAL GEHAEUSE | ALUMINIUM<br>ALUMINIUM |  | 22                              |   |   |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. |  |  |  |
|---------------------|----------------------------|----------------------------|--------------------------|--|--|--|
| TIT 16812           | OIL RESERVOIR<br>OEL TANK  | 0....100°C                 | 60 °C                    |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |
|                     |                            |                            |                          |  |  |  |
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|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|---|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  | ↑ |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE |   |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |   |
| Checked<br>Geprüft | AWI      |  |  |                               | O.TT        |                               |           |                              |      | 1 / 2      |   |

|                             |                                    |                        |  |  |   |   |
|-----------------------------|------------------------------------|------------------------|--|--|---|---|
| CODE WORD<br>KENNWORT       |                                    | KOSB00ST               |  | DATA SHEET / DATENBLATT  |   |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                                    | 312410                 |  | ELECTR. TEMPERATURE TRANSMITTER<br>ELEKTR. TEMPERATURTRANSMITTER |   |   |
| Ass. / BG:                  |                                    | 9112                   |  |  |   |   |
| IDENT-NO.: / SACH-NR.:      |                                    |                        |  |  |   |   |
| 1                           | MANUFACTURER<br>HERSTELLER         | ABB                    |  | 12   | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -20°C...+70°C<br>-4°F...158°F   |
| 2                           | TYPE<br>TYP                        | V11523<br>4-20mA HART  |  | 13   | ELECTRICAL CONNECTION<br>ANSCHLUSS ELEKTRISCH     | M20x1,5   |
| 3                           |                                    |                        |  | 14   |   |   |
| 4                           |                                    |                        |  | 15   | KIND OF MOUNTING<br>MONTAGEART                    | G 1/2" MALE   |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART    | 2-LEITER<br>2-WIRE     |  | 16   | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 67(EN 60 529/ IEC 529)<br>4xNEMA   |
| 6                           | POWER SUPPLY<br>HILFSENERGIE       | 10,5 VDC...32 VDC      |  | 17   |   |   |
| 7                           |                                    |                        |  | 18   |   |   |
| 8                           |                                    |                        |  | 19   | MOUNTING BRACKET                                  | CARBON STEEL ZINC PLATED<br>FOR WALL MOUNTING                                       |
| 9                           |                                    |                        |  | 20   | INDICATION  | LCD IN °C   |
| 10                          |                                    |                        |  | 21   |   |   |
| 11                          | CASE MATERIAL<br>MATERIAL GEHAEUSE | ALUMINIUM<br>ALUMINIUM |  | 22   |   |   |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG              | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. |  |  |  |
|---------------------|---|----------------------------|--------------------------|--|--|--|
| TIT 16854           | OIL FILTER DOWNSTREAM<br>NACH OELFILTER | 0....100°C                 | 45 °C                    |  |  |  |
|                     |   |                            |                          |  |  |  |
|                     |   |                            |                          |  |  |  |
|                     |   |                            |                          |  |  |  |
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|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 O.TT              | 1                             | AP                           | 2 / 2      |

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| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  |                         |  |  |  |  |  |
| Ass. / BG:                  |  |          |  |                         |  |  |  |  |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |                         |  |  |  |  |  |

|    |  |                          |    |  |                              |          |
|----|--|--------------------------|----|--|------------------------------|----------|
| 1  | MANUFACTURER<br>HERSTELLER                         | LESER                    | 17 | LIFTING GEAR<br>ANLUEFTHEBEL                       | YES                          |          |
| 2  | TYPE<br>TYP  | 441                      | 18 | ADJUSTING RING<br>STELLRING                        | YES                          |          |
| 3  | CONSTRUCTION<br>BAUART                             | FULL LIFT<br>SPRING LOAD | 19 | FREE NON FERR. ALL.<br>\\b                         | YES                          |          |
| 4  | SET PRESSURE<br>ANSPRECHDRUCK                      | 8 bar                    | 20 | WEIGHT VALVE<br>GEWICHT VENTIL                     | 22 Kg                        |          |
| 5  | SPRING OR WEIGHTLOADED<br>FEDER ODER GEWICHTSBEL.  | SPRING                   | 21 | COEFFICIENT OF DISCHARGE<br>AUSFLUSSZIFFER         | 0,45                         |          |
| 6  | NORM OF FLANGE<br>FLANSCHNORM                      | DIN 2501                 | 22 |  |                              |          |
| 7  | INLET<br>EINTRITTSSTUTZEN                          | DN 32 / PN 40 / FORM C   | 23 |  |                              |          |
| 8  | OUTLET<br>AUSTRITTSSTUTZEN                         | DN 50 / PN 16 / FORM C   | 24 | REQUIRED AREA<br>ERFORD. SITZQUERSCHNITT           | 659,69 mm <sup>2</sup>       |          |
| 9  | VALVE BODY MATERIAL<br>MAT. ARMATURENGEHAUSE       | GGG-40.3                 | 25 | SELECTED AREA<br>GEWAEH. SITZQUERSCHNITT           | 660,52 mm <sup>2</sup>       |          |
| 10 | TRIM MATERIAL<br>MATERIAL SITZ / KEGEL             | 1.4404/1.4122            | 26 | MAX. POSS. FLOW WEIGHT<br>MAX. MOEGL. AUSFLUSSGEW. | 778,75 l/min                 |          |
| 11 | SEAT VERSION<br>SITZ-AUSFUEHRUNG                   | SEMI NOZZLE              | 27 |  |                              |          |
| 12 | LENGTH a (mm)<br>MASS a (mm)                       | 110                      |    | 28   | LABEL<br>BESCHRIFTUNGSSCHILD | STANDARD |
| 13 | LENGTH b (mm)<br>MASS b (mm)                       | 115                      |    | 29   |                              |          |
| 14 | LENGTH h (mm)<br>MASS h (mm)                       | 331                      |    | 30   | ALLOWABLE ACCUMULATION       | 10%      |
| 15 |  |                          |    | 31   | RESEAT DIFFERENCE            | MAX 8%   |
| 16 | BONNET OPEN OR CLOSED<br>FEDERH. OFFEN / GESCHLOS. | CLOSED                   | 32 |  |                              |          |


  

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                              |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---|--|--------------------------|---------------------------|--|------------------|
| PSV 16824           | OIL PUMP 2 SAFETY VALVE<br>OELPUMPE 2 SICHERHEITSVENTIL |  | 60 °C                    | 4 bar (g)                 |  | OIL              |
|                     |   |  |                          |                           |  |                  |
|                     |   |  |                          |                           |  |                  |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 O.V               | 1                             | AP                           | 1 / 4        |


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|-----------------------------|----------|---------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT   |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | TEMPERARURE CONTROL VALVE |  |   |
| Ass. / BG:                  | 9268     | TEMPERATURREGELVENTIL     |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                           |  |   |

|    |                               |                                |    |  |                                     |
|----|-------------------------------|--------------------------------|----|--|-------------------------------------|
| 1  | MANUFACTURER<br>HERSTELLER    | AMOT CONTROLS                  | 17 |  |                                     |
| 2  | TYPE<br>TYP                   | BRDC 110                       | 18 |  |                                     |
| 3  | RANGE<br>MESSBEREICH          | 38 °C...47°C<br>104 °F...116°F | 19 |  |                                     |
| 4  | NOMINAL DIAMETER<br>NENNWEITE | 2 1/2"                         | 20 | VALVE BODY MATERIAL<br>MAT. ARMATURENGEHAUSE | EISEN<br>IRON                       |
| 5  |                               |                                | 21 |  |                                     |
| 6  |                               |                                | 22 | WEIGHT VALVE<br>GEWICHT VENTIL               | 24kg                                |
| 7  |                               |                                | 23 |  |                                     |
| 8  | NORM OF FLANGE<br>FLANSCHNORM | PN16 acc TO DIN 2633           | 24 |  |                                     |
| 9  |                               |                                | 25 |  |                                     |
| 10 |                               |                                | 26 | LABEL<br>BESCHRIFTUNGSSCHILD                 | EDELSTAHLCHILD<br>SS TAG LABEL (AA) |
| 11 |                               |                                | 27 |  |                                     |
| 12 |                               |                                | 28 | BOHRUNG<br>BORE DIAMETER                     | 2 1/2"                              |
| 13 |                               |                                | 29 |  |                                     |
| 14 |                               |                                | 30 |  |                                     |
| 15 |                               |                                | 31 |  |                                     |
| 16 |                               |                                | 32 |  |                                     |


REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG  | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK | FLOW<br>DURCHFLUSS | MEDIUM<br>MEDIUM |
|---------------------|---|----------------------------|--------------------------|---------------------------|--------------------|------------------|
| TCV 16845           | OIL COOLER BYPASS TEMP. CONTROL<br>OELKUEHLER UMFUEHRUNG TEMP. REGELUNG |                            | 45 °C                    | 3,5 bar (g)               |                    | OIL              |
|                     |   |                            |                          |                           |                    |                  |
|                     |   |                            |                          |                           |                    |                  |

|                    |          |                               |             |                               |           |                              |      |            |
|--------------------|----------|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        | Date<br>Datum                 | 05.08.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |                               | 0.V         |                               |           |                              |      | 2 / 4      |


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|-----------------------------|---|---|----|--|-------------------------------|---|------------|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                                      |    | DATA SHEET / DATENBLATT                    |                               |  |            |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410  |    | PRESSURE CONTROL VALVE<br>DRUCKREGELVENTIL |                               |   |            |
| Ass. / BG:                  |   |   |    |  |                               |   |            |
| IDENT-NO.: / SACH-NR.:      |   |   |    |  |                               |   |            |
| 1                           | MANUFACTURER<br>HERSTELLER                    | FISHER  | 24 |  |                               |   |            |
| 2                           | TYPE<br>TYP                                   |   | 25 |  |                               |   |            |
| 3                           | RANGE<br>MESSBEREICH                          | 2,1bar(g)...8,62 bar(g)<br>30 psig...125 psig | 26 |  |                               |   |            |
| 4                           | NOMINAL DIAMETER<br>NENNWEITE                 | 50 mm<br>2"                                   | 27 |  |                               |   |            |
| 5                           | RATING<br>DRUCKSTUFE                          | 150 lbs                                       | 28 |  |                               |   |            |
| 6                           |   |   | 29 |  |                               |   |            |
| 7                           | JOINT FACE<br>DICHTLEISTE                     | RF  | 30 |  |                               |   |            |
| 8                           | NORM OF FLANGE<br>FLANSCHNORM                 | ANSI B 16.5                                   | 31 |  |                               |   |            |
| 9                           |   |   | 32 |  |                               |   |            |
| 10                          | CHARACTERISTIC<br>KENNLINE                    | LINEAR  | 33 |  |                               |   |            |
| 11                          |   |   | 34 | SAFETY POSITION<br>SICHERHEITSSTELLUNG     | FC                            |   |            |
| 12                          | NO. OF SEAT<br>SITZANZAHL                     | 1   | 35 |  |                               |   |            |
| 13                          |   |   | 36 |  |                               |   |            |
| 14                          |   |   | 37 |  |                               |   |            |
| 15                          | CVS VALUE<br>CVS WERT                         | ...   | 38 |  |                               |   |            |
| 16                          |   |   | 39 |  |                               |   |            |
| 17                          |   |   | 40 |  |                               |   |            |
| 18                          |   |   | 41 |  |                               |   |            |
| 19                          |   |   | 42 |  |                               |   |            |
| 20                          | TRIM MATERIAL<br>MATERIAL SITZ / KEGEL        | STAINLESS STEEL                               | 43 |  |                               |   |            |
| 21                          |   |   | 44 |  |                               |   |            |
| 22                          |   |   | 45 |  |                               |   |            |
| 23                          | VALVE BODY MATERIAL<br>MAT. ARMATURENGEHAEUSE | CAST STAINLESS STEEL                          | 46 |  |                               |   |            |
| REMARK:<br>BEMERKUNG:       |   |   |    |  |                               |   |            |
| Rev.<br>Index               | 1   |   |    | Date<br>Datum                              | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.   | REV. LINE  |
| Date<br>Datum               | 05.08.05                                      |   |    | 10.03.05                                   | WEE / AWI                     | TK52  | REV. ZEILE |
| Drawn<br>Bearb.             | WEG   |   |    | Drawing No.<br>Zeichnungs-Nr.              | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung  | Sheet/Bl.  |
| Checked<br>Geprüft          | AWI   |   |    | 10000198462 O.V                            | 1                             | AP  | 3 / 4      |



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|-----------------------------|----------|-------------------------|--|--|--|---|--|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | PRESSURE CONTROL VALVE  |  |  |  |   |  |
| Ass. / BG:                  |          | DRUCKREGELVENTIL        |  |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |  |  |   |  |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                   | ADJU.RANGE<br>EING.BEREICH | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK | FLOW<br>DURCHFLUSS | MEDIUM<br>MEDIUM |
|---------------------|--|----------------------------|--------------------------|---------------------------|--------------------|------------------|
| PCV 16873           | OIL SPILL BACK VALVE<br>OELUEBERSTROEMVENTIL |                            | 60 °C                    | 4 bar (g)                 |                    | OIL              |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bt.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 O.V               | 1                             | AP                           | 4 / 4        |


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|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSB00ST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

|    |                            |                          |    |  |  |
|----|----------------------------|--------------------------|----|--|--|
| 1  | MANUFACTURER<br>HERSTELLER | INTEGRATED IN POSITIONER | 12 |  |  |
| 2  | TYPE<br>TYP                |                          | 13 |  |  |
| 3  |                            |                          | 14 |  |  |
| 4  |                            |                          | 15 |  |  |
| 5  |                            |                          | 16 |  |  |
| 6  |                            |                          | 17 |  |  |
| 7  |                            |                          | 18 |  |  |
| 8  |                            |                          | 19 |  |  |
| 9  |                            |                          | 20 |  |  |
| 10 |                            |                          | 21 |  |  |
| 11 |                            |                          | 22 |  |  |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                   |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| 7SH 16074           | COMPR. RECYCLE VAVLE<br>KOMPR. UMBLASEVENTIL |  |  |  |  |  |
| ZSL 16074           | COMPR. RECYCLE VAVLE<br>KOMPR. UMBLASEVENTIL |  |  |  |  |  |
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|--------------------|----------|--|--|--|-------------------------------|-------------|-------------------------------|-----------|---------------|------|------------------------------|
| Rev. Index         | 1        |  |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt. | TK52 | REV. LINE                    |
| Date<br>Datum      | 05.08.05 |  |  |  |                               |             |                               |           |               |      | REV. ZEILE ↑                 |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 |                               | P.FCV     | Rev. Index    | 1    | CAD-Drawing<br>CAD-Zeichnung |
| Checked<br>Geprüft | AWI      |  |  |  |                               |             |                               |           |               | AP   | Sheet/Bl.<br>1 / 6           |


|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

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|----|----------------------------|---------|----|--|--|
| 1  | MANUFACTURER<br>HERSTELLER | MFR STD | 12 |  |  |
| 2  | TYPE<br>TYP                | 4-20mA  | 13 |  |  |
| 3  |                            |         | 14 |  |  |
| 4  |                            |         | 15 |  |  |
| 5  |                            |         | 16 |  |  |
| 6  |                            |         | 17 |  |  |
| 7  |                            |         | 18 |  |  |
| 8  |                            |         | 19 |  |  |
| 9  |                            |         | 20 |  |  |
| 10 |                            |         | 21 |  |  |
| 11 |                            |         | 22 |  |  |

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| REMARK:<br>BEMERKUNG: |
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| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                   |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| 7T 16074            | COMPR. RECYCLE VAVLE<br>KOMPR. UMBLASEVENTIL |  |  |  |  |  |
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| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |                               | P.FCV       |                               |           |                              |      | 2 / 6      |


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|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

|    |                            |                |    |  |  |
|----|----------------------------|----------------|----|--|--|
| 1  | MANUFACTURER<br>HERSTELLER | ARCA           | 12 |  |  |
| 2  | TYPE<br>TYP                | 827A.E2-AB0_M1 | 13 |  |  |
| 3  |                            |                | 14 |  |  |
| 4  |                            |                | 15 |  |  |
| 5  |                            |                | 16 |  |  |
| 6  |                            |                | 17 |  |  |
| 7  |                            |                | 18 |  |  |
| 8  |                            |                | 19 |  |  |
| 9  |                            |                | 20 |  |  |
| 10 |                            |                | 21 |  |  |
| 11 |                            |                | 22 |  |  |

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| REMARK:<br>BEMERKUNG: |
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| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                   |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| FC 16071            | COMPR. BLOW OFF VALVE<br>KOMPR. ABLASEVENTIL |  |  |  |  |  |
| FC 16074            | COMPR. RECYCLE VAVLE<br>KOMPR. UMBLASEVENTIL |  |  |  |  |  |
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| Date<br>Datum      | 05.08.05 |  |  |  |                               |                   |                               |           |                              |      | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 P.FCV | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bt.    |
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|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

|    |                            |            |    |  |  |
|----|----------------------------|------------|----|--|--|
| 1  | MANUFACTURER<br>HERSTELLER |            | 17 |  |  |
| 2  | TYPE<br>TYP                | SVG327A002 | 18 |  |  |
| 3  |                            |            | 19 |  |  |
| 4  |                            |            | 20 |  |  |
| 5  |                            |            | 21 |  |  |
| 6  |                            |            | 22 |  |  |
| 7  |                            |            | 23 |  |  |
| 8  |                            |            | 24 |  |  |
| 9  |                            |            | 25 |  |  |
| 10 |                            |            | 26 |  |  |
| 11 |                            |            | 27 |  |  |
| 12 |                            |            | 28 |  |  |
| 13 |                            |            | 29 |  |  |
| 14 |                            |            | 30 |  |  |
| 15 |                            |            | 31 |  |  |
| 16 |                            |            | 32 |  |  |

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| REMARK:<br>BEMERKUNG: |
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| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                   |  |  |  |  |  | MEDIUM<br>MEDIUM |
|---------------------|--|--|--|--|--|--|------------------|
| FY 16071            | COMPR. BLOW OFF VALVE<br>KOMPR. ABLASEVENTIL |  |  |  |  |  |                  |
| FY 16074            | COMPR. RECYCLE VAVLE<br>KOMPR. UMBLASEVENTIL |  |  |  |  |  |                  |
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| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
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|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | DRUCKREGELVENTIL        |  |   |
| Ass. / BG:                  | P.PC     |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

|    |  |                       |    |  |                                 |
|----|--|-----------------------|----|--|---------------------------------|
| 1  | MANUFACTURER<br>HERSTELLER                           | ARCA                  | 24 | BELLOW<br>FALTENBALG                                   | NO                              |
| 2  | TYPE<br>TYP  | 6H7-L2LN-ECOTROL      | 25 | WEIGHT VALVE<br>GEWICHT VENTIL                         | 620 KG                          |
| 3  | NOMINAL DIAMETER<br>NENNWEITE                        | DN 200                | 26 | SOUND PRESSURE LEVEL<br>SCHALLDRUCKPEGEL               | max 96dB(a)                     |
| 4  | RATING<br>DRUCKSTUFE                                 | PN 63                 | 27 | INSTALLAT. POSITION VALVE<br>EINBAULAGE VENTIL         | HORIZONTAL                      |
| 5  | LENGTH OF DIM.<br>BAULAENGE                          | 700 mm                | 28 | INSTAL. POSITION ACTUAT.<br>EINBAULAGE ANTRIEB         | VERTICAL                        |
| 6  | JOINT FACE<br>DICHTLEISTE                            | FORM B2 DIN EN 1092-1 | 29 | TUBE<br>VERROHRUNG                                     | 12mm 316SS                      |
| 7  | NORM OF FLANGE<br>FLANSCHNORM                        | DIN 2546              | 30 |  |                                 |
| 8  | VERSION<br>AUSFUEHRUNG                               | GLOBE                 | 31 | ACTUATOR MANUFACTURER<br>STELLANTRIEB HERSTELLER       | ARCA                            |
| 9  | SHUTOFF CLASSIFICATION<br>LECKRATE-LECKDURCHFLUSS    | IEC CLASS IV          | 32 | ACTUATOR TYPE<br>STELLANTRIEB TYP                      | MFIH-60.3B Typ 812              |
| 10 | CHARACTERISTIC<br>KENNLINE                           | LINEAR                | 33 | VALVE OPENING<br>HUB                                   | 60 mm                           |
| 11 | RANGEABILITY<br>STELLVERHAELTNIS                     | 1 : 30                | 34 | SAFETY POSITION<br>SICHERHEITSTELLUNG                  | OPEN                            |
| 12 |  |                       | 35 | AIR SUPPLY REQUIRED<br>ERFORD. ZULUFTDRUCK             | 4-6 bar                         |
| 13 | SEAT VERSION<br>SITZ-AUSFUEHRUNG                     | SINGLE                | 36 |  |                                 |
| 14 | SEAT DIAMETER<br>SITZWEITE                           | d = 115 mm            | 37 | PNEUMATIC CON.<br>ANSCHLUSS PNEUM.                     | G1/2"                           |
| 15 | CVS VALUE<br>CVS WERT                                | 117                   | 38 | DIA. OF ACTUATOR<br>DURCHMESSER ANTRIEB                | 400mm                           |
| 16 | FUNCTION<br>FUNKTION                                 | CONTROL               | 39 | HIGH MIDDLE FLANGE TO TOP<br>HOEHE UEBER LEITUNGSMITTE | 982 mm                          |
| 17 | TIME OF OPENING/CLOSING<br>OEFFNUNGS- / SCHLIESSZEIT | <2 SEC SOLENOID OPEN  | 40 | DIFF.-PRESSURE ACTUATOR<br>DIFF.-DRUCK FUER ANTRIEB    | <65 bar                         |
|    |  |                       | 41 | LABEL<br>BESCHRIFTUNGSSCHILD                           | PERM. 316SS                     |
| 19 | TRIM MATERIAL<br>MATERIAL SITZ / KEGEL               | SS                    | 42 | STELLUNGSREGLER<br>IP-POSITIONER                       | 4-20mA, ARCAPRO 827A            |
| 20 | SPINDEL / BEARING MAT.<br>MAT. SPINDEL / LAGER       | SS                    | 43 | POSITION TRANSMITTER                                   | 4-20mA, ARCAPRO 827A            |
| 21 | STUFFING BOX<br>STOPFBUCHSE                          | PTFE                  | 44 | MAGNETVENTIL<br>SOELNOID VALVE                         | TYPE SVG327 A002, 24V DC, G1/4" |
| 22 | VALVE BODY MATERIAL<br>MAT. ARMATURENGEHAUEUSE       | 1.0619                | 45 | ENDSCHALTER<br>LIMIT SWITCH                            | OPEN, INDUCTIV TYPE             |
| 23 | FREE NON FERR. ALL.<br>BUNTMETALLFREI                | YES                   | 46 | FILTERED.STATION<br>PRESSURE REGULATOR                 | 1/4" NPT, TYPE 961              |


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|------------|--|---------------------------------------|
| REMARK:    | DESIGN: 50°C / 57 bar a                  | VOLUME BOOSTER: MFR STD               |
| BEMERKUNG: | PAINTING: 2 COMPONENT, TOP COAT RAL 7037 | PIPE LINE SIZE UPSTR.: PN 63/DN 150   |
|            | QUICKOPENINGVALVE: 9688-SE               | PIPE LINE SIZE DOWNSTR.: PN 10/DN 350 |

|                    |          |  |  |  |                               |                               |                              |            |
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| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.FCV             | 1                             | AP                           | 5 / 6      |

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| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | DRUCKREGELVENTIL        |  |   |
| Ass. / BG:                  | P,PC     |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                    |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK | FLOW<br>DURCHFLUSS                     | MEDIUM<br>MEDIUM |  |
|---------------------|---|--|--------------------------|---------------------------|--|------------------|--|
| FV 16071            | COMPR. BLOW OFF VALVE<br>KOMPR. ABBLASEVENTIL |  | 47 °C                    | 56 bar g                  | 59100 Nm <sup>3</sup> /h<br>76384 kg/h | AIR              |  |
| FV 16074            | COMPR. RECYCLE VAVLE<br>KOMPR. UMBLASEVENTIL  |  | 47 °C                    | 56 bar g                  | 59100 Nm <sup>3</sup> /h<br>76384 kg/h | AIR              |  |

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| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
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| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | DRUCKREGELVENTL         |   |
| Ass. / BG:                  | P.PC     |                         |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |   |


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| ZSL 16110 | STAGE 1 INLET GUIDE VANES<br>STUFE 1 VORLEITSCHAUFEL |  |  |  |  |  |
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| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
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| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | DRUCKREGELVENTL         |   |
| Ass. / BG:                  | P.PC     |                         |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |   |


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| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
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| CODE WORD<br>KENNWORT       |                            | KOSB00ST |  | DATA SHEET / DATENBLATT |    |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |                            | 312410   |  |                         |    |  |  |   |  |
| Ass. / BG:                  |                            |          |  |                         |    |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |                            |          |  |                         |    |  |  |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER |          |  |                         | 12 |  |  |   |  |
| 2                           | TYPE<br>TYP                |          |  |                         | 13 |  |  |   |  |
| 3                           |                            |          |  |                         | 14 |  |  |   |  |
| 4                           |                            |          |  |                         | 15 |  |  |   |  |
| 5                           |                            |          |  |                         | 16 |  |  |   |  |
| 6                           |                            |          |  |                         | 17 |  |  |   |  |
| 7                           |                            |          |  |                         | 18 |  |  |   |  |
| 8                           |                            |          |  |                         | 19 |  |  |   |  |
| 9                           |                            |          |  |                         | 20 |  |  |   |  |
| 10                          |                            |          |  |                         | 21 |  |  |   |  |
| 11                          |                            |          |  |                         | 22 |  |  |   |  |

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BEMERKUNG:

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| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                           |  |  |  |  |  |  |
| HC 16110            | STAGE 1 INLET GUIDE VANES<br>STUFE 1 VORLEITSCHAUFEL |  |  |  |  |  |  |
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| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.    |
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| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

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|----|----------------------------|-----------------|----|--|
| 1  | MANUFACTURER<br>HERSTELLER |                 | 24 |  |
| 2  | TYPE<br>TYP                | PARKER_SERIE_2A | 25 |  |
| 3  |                            |                 | 26 |  |
| 4  |                            |                 | 27 |  |
| 5  |                            |                 | 28 |  |
| 6  |                            |                 | 29 |  |
| 7  |                            |                 | 30 |  |
| 8  |                            |                 | 31 |  |
| 9  |                            |                 | 32 |  |
| 10 |                            |                 | 33 |  |
| 11 |                            |                 | 34 |  |
| 12 |                            |                 | 35 |  |
| 13 |                            |                 | 36 |  |
| 14 |                            |                 | 37 |  |
| 15 |                            |                 | 38 |  |
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| 17 |                            |                 | 40 |  |
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| 21 |                            |                 | 44 |  |
| 22 |                            |                 | 45 |  |
| 23 |                            |                 | 46 |  |


|                       |  |  |  |  |
|-----------------------|--|--|--|--|
| REMARK:<br>BEMERKUNG: |  |  |  |  |
|-----------------------|--|--|--|--|

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.IGV             | 1                             | AP                           | 4 / 5        |

|                             |          |                         |  |  |  |   |  |
|-----------------------------|----------|-------------------------|--|--|--|---|--|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |  |  |   |  |
| Ass. / BG:                  |          |                         |  |  |  |   |  |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |  |  |   |  |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                           |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK | FLOW<br>DURCHFLUSS | MEDIUM<br>MEDIUM |
|---------------------|--|--|--------------------------|---------------------------|--------------------|------------------|
| HV 16110            | STAGE 1 INLET GUIDE VANES<br>STUFE 1 VORLEITSCHAUFEL |  |                          |                           |                    |                  |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.IGV             | 1                             | AP                           | 5 / 5        |


|                             |          |                                    |  |   |
|-----------------------------|----------|------------------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT            |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | ELECTR. DIFF. PRESSURE TRANSMITTER |  |   |
| Ass. / BG:                  | 9111     | ELEKTR. DIFF. DRUCKTRANSMITTER     |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                                    |  |   |

|    |   |   |    |   |   |
|----|---|---|----|---|---|
| 1  | MANUFACTURER<br>HERSTELLER                          | ROSEMOUNT                                   | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -40°C...+95°C<br>-4°F...+158°F              |
| 2  | TYPE<br>TYP   | 1151DP                                      | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                   | M20 x 1,5                                   |
| 3  | RANGE<br>MESSBEREICH                                | 0...1860 mbar                               | 19 | KIND OF MOUNTING<br>MONTAGEART                    | ROHRMONTAGE, 2"<br>PIPE MOUNTED, 2"         |
| 4  | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2" [1.4401]<br>G 1/2" F [AISI 316]      | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 65 (EN 60 529/ IEC 529)                  |
| 5  | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM                        | 21 |   |   |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4404<br>AISI 316L                         | 22 | LABEL<br>BESCHRIFTUNGSSCHILD                      | EDELSTAHLSCILD<br>SS TAG LABEL              |
| 7  | O-RING MATERIAL<br>MATERIAL O-RING                  | VITON                                       | 23 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET            | STAINLESS STEEL (B4)<br>EDELSTAHL (B4)      |
| 8  | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | PU BESCHICHTETES AL<br>PU COVERED ALUMINIUM | 24 |   |   |
| 9  | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONOL<br>SILICONE                       | 25 |   |   |
| 10 | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE                          | 26 |   |   |
| 11 | POWER SUPPLY<br>HILFSENERGIE                        | 12...45 V DC                                | 27 |   |   |
| 12 | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA                                   | 28 |   |   |
| 13 | ACCURACY<br>GENAUIGKEIT                             | ± 0.1 %                                     | 29 |   |   |
| 14 |   |   | 30 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE           | EN 10 204 3.1.B (Q8)                        |
| 15 | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 140 bar                                     | 31 | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET     | VOM HERSTELLER (Q4)<br>BY MANUFACTURER (Q4) |
| 16 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -40°C...+105°C<br>-40°F...+220°F            | 32 | BESTELL-NR.<br>CATALOGUE-NO.                      | 1151DP-5-E-22<br>C2-R2-D4-Q4-Q8             |

REMARK:  
BEMERKUNG: 5-WAY-VALVE MANIFOLD MFR BOLLIN

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG           | ADJU.RANGE<br>EING.BEREICH | DIFF.PRESS.<br>DIFF.DRUCK |  | STAT.PRESS.<br>STAT.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|--------------------------------------|----------------------------|---------------------------|--|---------------------------|------------------|
| FT 16007            | STAGE 1 SUCTION<br>STUFE 1 ANSAUGUNG | 0...500 mbar               | 10 mbar                   |  | 6,4 bar g                 | AIR              |
|                     |                                      |                            |                           |  |                           |                  |
|                     |                                      |                            |                           |  |                           |                  |


|                    |          |               |          |                               |                   |               |      |                              |       |
|--------------------|----------|---------------|----------|-------------------------------|-------------------|---------------|------|------------------------------|-------|
| Rev.<br>Index      | 1        | Date<br>Datum | 10.03.05 | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI         | Dept.<br>Abt. | TK52 | REV. LINE                    |       |
| Date<br>Datum      | 05.08.05 |               |          |                               |                   |               |      | REV. ZEILE                   | ↑     |
| Drawn<br>Bearb.    | WEG      |               |          | Drawing No.<br>Zeichnungs-Nr. | 10000198462 P.PDT | Rev.<br>Index | 1    | CAD-Drawing<br>CAD-Zeichnung | AP    |
| Checked<br>Geprüft | AWI      |               |          |                               |                   |               |      | Sheet/Bl.                    | 1 / 1 |

|                             |   |   |    |   |  |   |
|-----------------------------|---|---|----|---|--|---|
| CODE WORD<br>KENNWORT       |   | KOSBOOST  |    | DATA SHEET / DATENBLATT                 |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410  |    | PRESSURE GAUGE<br>MANOMETER             |  |   |
| Ass. / BG:                  |   | 9101  |    |   |  |   |
| IDENT-NO.: / SACH-NR.:      |   |   |    |   |  |   |
| 1                           | MANUFACTURER<br>HERSTELLER                          | WIKA  | 17 | SIZE AND LOCATION CON.<br>ANSCHLUSSLAGE | RADIAL UNTEN<br>RADIAL BOTTOM ENTRY          |   |
| 2                           | TYPE<br>TYP   | 233.30.100  | 18 | GLASS COVER<br>GLASSCHEIBE              | SICHERHEITSGLAS<br>SAFETY GLASS              |   |
| 3                           | RANGE<br>MESSBEREICH                                | 0...6 bar   | 19 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART | IP 65 (EN 60 529/ IEC 529)                   |   |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2" A [1.4571]<br>G 1/2" M [AISI 316 TI]       | 20 | KIND OF MOUNTING<br>MONTAGEART          | MESSGESTELL-MONTAGE<br>GAUGE BOARD MOUNTED   |   |
| 5                           | MEASURING ELEMENT<br>MESSELEMENT                    | ROHRFEDER<br>BOURDON TUBE                         | 21 |   |  |   |
| 6                           | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4571<br>AISI 316 TI                             | 22 |   |  |   |
| 7                           | CASE DIAMETER<br>DURCHMESSER GEHAEUSE               | 100 mm<br>4"                                      | 23 |   |  |   |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | CrNi-STAHl<br>CrNi STEEL                          | 24 |   |  |   |
| 9                           |   |   | 25 |   |  |   |
| 10                          | ACCURACY<br>GENAUIGKEIT                             | KLASSE 1,0 (DIN 16 005)<br>CLASS 1,0 (DIN 16 005) | 26 |   |  |   |
| 11                          | BLOW OUT DISC<br>AUSBLASEOEFFNUNG                   | AUSBLASBARE RUECKWAND<br>BLOW-OUT BACK            | 27 | LABEL<br>BESCHRIFTUNGSSCHILD            | EDELSTAHLSCCHILD<br>SS TAG LABEL             |   |
| 12                          | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | GLYZERIN<br>GLYCERINE                             | 28 | ZIFFERNBLATT<br>DIAL                    | WEISS/ SKALA SCHWZ.<br>WHITE/ BLK. LETTERING |   |
| 13                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 1,3 x SKALENENDWERT<br>1,3 x FULL SCALE VALUE     | 29 | SKALENEINHEIT<br>SCALE UNIT             | bar<br>bar                                   |   |
| 14                          |   |   | 30 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE | EN 10204 3.1.B                               |   |
| 15                          | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | +100°C MAX.<br>+212°F MAX.                        | 31 |   |  |   |
| 16                          | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR   | -20°C...+60°C<br>-4°F...+140°F                    | 32 | ARTIKEL-NR.<br>CATALOGUE-NO.            |  |   |

REMARK: SICHERHEITSAUSFUEHRUNG SAFETY PRESSURE GAUGE  
BEMERKUNG: MIT BRUCHSICHERER TRENNWAND WITH SOLID BAFFLE WALL


| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG  | SET POINT<br>SCHALTPKT. | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|---|-------------------------|---------------------------|------------------|
| PI 16505            | HEADER COOLING WATER SUPPLY<br>SAMMELLEITUNG KUEHLWASSERZULAUF              |                         | 3,0 bar (g)               | CW               |
| PI 16590            | HEADER COOLING WATER RETURN<br>SAMMELLEITUNG KUEHLWASSERRUECKLAUF           |                         | 2 bar (g)                 | CW               |
| PI 16512            | STAGE 1 COOLER COOLING WATER OUTLET<br>STUFE 1 KUEHLER KUEHLWASSER AUSTRITT |                         | 2 bar (g)                 | CW               |

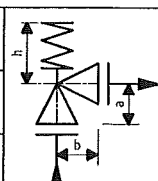
|                    |          |                               |             |          |                               |           |                              |      |           |
|--------------------|----------|-------------------------------|-------------|----------|-------------------------------|-----------|------------------------------|------|-----------|
| Rev.<br>Index      | 1        | Date<br>Datum                 | 05.08.05    | 10.03.05 | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE |
| Date<br>Datum      | 05.08.05 | 10.03.05                      | WEE / AWI   | TK52     | REV. ZEILE                    |           |                              |      |           |
| Drawn<br>Bearb.    | WEG      | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | P.PI     | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl. |
| Checked<br>Geprüft | AWI      |                               |             |          |                               |           |                              |      | 1 / 2     |

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|-----------------------------|----------|-----------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT     |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | PRESSURE GAUGE<br>MANOMETER |  |   |
| Ass. / BG:                  | 9101     |                             |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                             |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG  | SET POINT<br>SCHALTPKT. |  | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---|-------------------------|--|---------------------------|--|------------------|
| PI 16522            | STAGE 2 COOLER COOLING WATER OUTLET<br>STUFE 2 KUEHLER KUEHLWASSER AUSTRITT |                         |  | 2 bar (g)                 |  | CW               |
| PI 16532            | STAGE 3 COOLER COOLING WATER OUTLET<br>STUFE 3 KUEHLER KUEHLWASSER AUSTRITT |                         |  | 2 bar (g)                 |  | CW               |
| PI 16542            | STAGE 4 COOLER COOLING WATER OUTLET<br>STUFE 4 KUEHLER KUEHLWASSER AUSTRITT |                         |  | 2 bar (g)                 |  | CW               |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.PI              | 1                             | AP                           | 2 / 2        |

|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   |                         |  |   |
| Ass. / BG:                  |          |                         |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |


|    |  |                          |  |  |  |                 |
|----|--|--------------------------|--|--|--|-----------------|
| 1  | MANUFACTURER<br>HERSTELLER                         | LESER                    | 17   | LIFTING GEAR<br>ANLUEFTHEBEL                       | YES                                    |                 |
| 2  | TYPE<br>TYP  | 441                      | 18   | ADJUSTING RING<br>STELLRING                        | YES                                    |                 |
| 3  | CONSTRUCTION<br>BAUART                             | FULL LIFT<br>SPRING LOAD | 19   | FREE NON FERR. ALL.<br>\\b                         | YES                                    |                 |
| 4  | SET PRESSURE<br>ANSPRECHDRUCK                      | 10 bar                   | 20   | WEIGHT VALVE<br>GEWICHT VENTIL                     | 22 Kg                                  |                 |
| 5  | SPRING OR WEIGHTLOADED<br>FEDER ODER GEWICHTSBEL.  | SPRING                   | 21   | COEFFICIENT OF DISCHARGE<br>AUSFLUSSZIFFER         | 0,45                                   |                 |
| 6  | NORM OF FLANGE<br>FLANSCHNORM                      | DIN FORM C               | 22   |  |  |                 |
| 7  | INLET<br>EINTRITTSSTUTZEN                          | DN 40 / PN 40 / FORM C   | 23   |  |  |                 |
| 8  | OUTLET<br>AUSTRITTSSTUTZEN                         | DN 65 / PN 16 / FORM C   | 24   | REQUIRED AREA<br>ERFORD. SITZQUERSCHNITT           | 920 mm2                                |                 |
| 9  | VALVE BODY MATERIAL<br>MAT. ARMATURENGEHAUEUSE     | GGG-40.3                 | 25   | SELECTED AREA<br>GEWAEH. SITZQUERSCHNITT           | 1075 mm2                               |                 |
| 10 | TRIM MATERIAL<br>MATERIAL SITZ / KEGEL             | 1.4404/1.4122            | 26   | MAX. POSS. FLOW WEIGHT<br>MAX. MOEGL. AUSFLUSSGEW. | 91 m3/h                                |                 |
| 11 | SEAT VERSION<br>SITZ-AUSFUEHRUNG                   | SEMI NOZZLE              | 27   |  |  |                 |
| 12 | LENGTH a (mm)<br>MASS a (mm)                       | 140                      |  | 28   | LABEL<br>BESCHRIFTUNGSSCHILD           | STANDARD        |
| 13 | LENGTH b (mm)<br>MASS b (mm)                       | 115                      |  | 29   |  |                 |
| 14 | LENGTH h (mm)<br>MASS h (mm)                       | 372                      |  | 30   | REAKTONSKRAFT<br>REACTION FORCE        | 193 N           |
| 15 | TOTAL HEIGHT<br>GESAMTHOEHE                        | 512 mm                   |  | 31   | EINSTELLWERT<br>SET POINT CABILBRATION | EN 10 204 3.1.B |
| 16 | BONNET OPEN OR CLOSED<br>FEDERH. OFFEN / GESCHLOS. | CLOSED                   | 32   | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE            | EN 10 204 3.1.B                        |                 |

|                       |
|-----------------------|
| REMARK:<br>BEMERKUNG: |
|-----------------------|

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                                     |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|--|--|--------------------------|---------------------------|--|------------------|
| SV 16505            | HEADER COOLING WATER SUPPLY<br>SAMMELLEITUNG KUEHLWASSERZULAUF |  |                          |                           |  |                  |
|                     |  |  |                          |                           |  |                  |
|                     |  |  |                          |                           |  |                  |

|                    |          |  |  |                               |             |                               |           |                              |      |                         |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|-------------------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE<br>REV. ZEILE |
| Date<br>Datum      | 05.08.05 |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.<br>1 / 1      |
| Drawn<br>Bearb.    | WEG      |  |  | P.PSV                         |             |                               |           |                              |      |                         |
| Checked<br>Geprüft | AWI      |  |  |                               |             |                               |           |                              |      |                         |



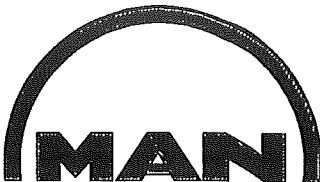
|                             |          |  |  |   |
|-----------------------------|----------|--|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT                                  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | ELECTR. PRESSURE TRANSMITTER<br>ELEKTR. DRUCKTRANSMITTER |  |   |
| Ass. / BG:                  | 9111     |  |  |   |
| IDENT-NO.: / SACH-NR.:      |          |  |  |   |

|    |   |   |    |   |   |
|----|---|---|----|---|---|
| 1  | MANUFACTURER<br>HERSTELLER                          | ROSEMOUNT                                   | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR | -20°C...+70°C<br>-4°F...+158 °F             |
| 2  | TYPE<br>TYP   | 1151 GP                                     | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                   | M20 x 1,5                                   |
| 3  | RANGE<br>MESSBEREICH                                | 0...70 bar                                  | 19 | KIND OF MOUNTING<br>MONTAGEART                    | ROHRMONTAGE, 2"<br>PIPE MOUNTED, 2"         |
| 4  | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2" [1.4401]                             | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART           | IP 65 (EN 60 529/ IEC 529)                  |
| 5  | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM                        | 21 |   |   |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4404<br>AISI 316L                         | 22 | LABEL<br>BESCHRIFTUNGSSCHILD                      | EDELSTAHLSCILD<br>SS TAG LABEL              |
| 7  | O-RING MATERIAL<br>MATERIAL O-RING                  | VITON                                       | 23 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET            | STAINLESS STEEL (B7)<br>EDELSTAHL (B7)      |
| 8  | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | PU BESCHICHTETES AL<br>PU COVERED ALUMINIUM | 24 |   |   |
| 9  | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONOL<br>SILICONE                       | 25 |   |   |
| 10 | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE                          | 26 |   |   |
| 11 | POWER SUPPLY<br>HILFSENERGIE                        | 12...45 V DC                                | 27 |   |   |
| 12 | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA                                   | 28 |   |   |
| 13 | ACCURACY<br>GENAUIGKEIT                             | ± 0.25 %                                    | 29 |   |   |
| 14 |   |   | 30 | MATERIAL ZEUGNIS<br>MATERIAL CERTIFICATE          | EN 10 204 3.1.B (Q8)                        |
| 15 | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 140 barg<br>2000 psig                       | 31 | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET     | VOM MANUFACTURER (Q4)<br>BY HERSTELLER (Q4) |
| 16 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -40°C...+105°C<br>-40°F...+220°F            | 32 | BESTELL-NR.<br>CATALOGUE-NO.                      | 1151GP-8-E-22-C2<br>R2-D6-L4-Q4-Q8          |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG          | ADJU.RANGE<br>EING.BEREICH | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|-------------------------------------|----------------------------|---------------------------|------------------|
| PT 16045            | COMPR. DISCHARGE<br>KOMPR. AUSTRITT | 0...70 bar                 | 56 bar g                  | AIR              |
|                     |                                     |                            |                           |                  |
|                     |                                     |                            |                           |                  |


|                    |          |                               |             |                               |           |                              |      |            |       |
|--------------------|----------|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|-------|
| Rev.<br>Index      | 1        | Date<br>Datum                 | 05.08.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |       |
| Date<br>Datum      | 05.08.05 | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. ZEILE | ↑     |
| Drawn<br>Bearb.    | WEG      | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  | 1 / 3 |
| Checked<br>Geprüft | AWI      |                               | P.P.T       |                               |           |                              |      |            |       |

|                             |   |   |    |  |   |   |
|-----------------------------|---|---|----|--|---|---|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                                    |    | DATA SHEET / DATENBLATT                                  |   |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410                                      |    | ELECTR. PRESSURE TRANSMITTER<br>ELEKTR. DRUCKTRANSMITTER |   |   |
| Ass. / BG:                  |   | 9111  |    |  |   |   |
| IDENT-NO.: / SACH-NR.:      |   |   |    |  |   |   |
| 1                           | MANUFACTURER<br>HERSTELLER                          | ROSEMOUNT                                   | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR        | -20°C...+70°C<br>-4°F...+158 °F             |   |
| 2                           | TYPE<br>TYP   | 1151 GP                                     | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                          | M20 x 1,5                                   |   |
| 3                           | RANGE<br>MESSBEREICH                                | 0...7 bar                                   | 19 | KIND OF MOUNTING<br>MONTAGEART                           | ROHRMONTAGE, 2"<br>PIPE MOUNTED, 2"         |   |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/4" [1.4401]<br>G 1/4" F [AISI 316]      | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART                  | IP 65 (EN 60 529/ IEC 529)                  |   |
| 5                           | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM                        | 21 |  |   |   |
| 6                           | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4404<br>AISI 316L                         | 22 | LABEL<br>BESCHRIFTUNGSSCHILD                             | EDELSTAHLschild<br>SS TAG LABEL             |   |
| 7                           | O-RING MATERIAL<br>MATERIAL O-RING                  | VITON                                       | 23 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET                   | STAINLESS STEEL (B7)<br>EDELSTAHL (B7)      |   |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | PU BESCHICHTETES AL<br>PU COVERED ALUMINIUM | 24 |  |   |   |
| 9                           | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONÖL<br>SILICONE                       | 25 |  |   |   |
| 10                          | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE                          | 26 |  |   |   |
| 11                          | POWER SUPPLY<br>HILFSENERGIE                        | 12...45 V DC                                | 27 |  |   |   |
| 12                          | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA                                   | 28 |  |   |   |
| 13                          | ACCURACY<br>GENAUIGKEIT                             | ± 0.25 %                                    | 29 |  |   |   |
| 14                          |   |   | 30 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE                  | EN 10 204 3.1.B (Q8)                        |   |
| 15                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 140 barg<br>2000 psig                       | 31 | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET            | VOM MANUFACTURER (Q4)<br>BY HERSTELLER (Q4) |   |
| 16                          | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -40°C...+105°C<br>-40°F...+220°F            | 32 | BESTELL-NR.<br>CATALOGUE-NO.                             | 1151GP-6-E-22-C2<br>R2-D6-Q4-Q8             |   |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG           | ADJU.RANGE<br>EING.BEREICH | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|--------------------------------------|----------------------------|---------------------------|------------------|
| PT 16007            | STAGE 1 SUCTION<br>STUFE 1 ANSAUGUNG | 0...7 bar                  | 6,4 bar g                 | AIR              |
|                     |                                      |                            |                           |                  |
|                     |                                      |                            |                           |                  |

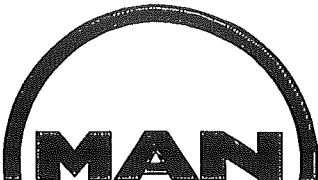
|                    |          |  |  |  |                               |                               |               |            |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|---------------|------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt. | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52          | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. |                               | Rev.<br>Index | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.PT              |                               | 1 AP          | 2 / 3      |


|                             |   |   |    |  |   |   |
|-----------------------------|---|---|----|--|---|---|
| CODE WORD<br>KENNWORT       |   | KOSBOOST                                    |    | DATA SHEET / DATENBLATT                                  |   |  |
| ORDER NO.<br>AUFTRAGSNUMMER |   | 312410                                      |    | ELECTR. PRESSURE TRANSMITTER<br>ELEKTR. DRUCKTRANSMITTER |   |   |
| Ass. / BG:                  |   | 9111  |    |  |   |   |
| IDENT-NO.: / SACH-NR.:      |   |   |    |  |   |   |
| 1                           | MANUFACTURER<br>HERSTELLER                          | ROSEMOUNT                                   | 17 | ALLOWED AMBIENT TEMP.<br>ZUL. UMGEBUNGSTEMPERATUR        | -40°C...+85°C<br>-40°F...+185°F             |   |
| 2                           | TYPE<br>TYP   | 2088 G                                      | 18 | CABLE ENTRY<br>KABELEINFUEHRUNG                          | 2 x M20 x 1,5 INNEN<br>2 x M20 x 1,5 FEMALE |   |
| 3                           | RANGE<br>MESSBEREICH                                | 0...55,15 barg                              | 19 | KIND OF MOUNTING<br>MONTAGEART                           | ROHRMONTAGE, 2"<br>PIPE MOUNTED, 2"         |   |
| 4                           | PROCESS CONNECTION<br>ANSCHLUSS PROZESS             | G 1/2" A [1.4401]<br>G 1/2"- M [AISI 316]   | 20 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART                  | IP 67 (EN 60 529/ IEC 529)<br>NEMA 4X       |   |
| 5                           | MEASURING ELEMENT<br>MESSELEMENT                    | MEMBRAN<br>DIAPHRAGM                        | 21 |  |   |   |
| 6                           | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT            | 1.4404<br>AISI 316L                         | 22 | LABEL<br>BESCHRIFTUNGSSCHILD                             | EDELSTAHLSCILD<br>SS TAG LABEL              |   |
| 7                           |   |   | 23 | BEFESTIGUNGSWINKEL<br>MOUNTING BRACKET                   | STAINLESS STEEL (B4)<br>EDELSTAHL (B4)      |   |
| 8                           | CASE MATERIAL<br>MATERIAL GEHAEUSE                  | PU BESCHICHTETES AL<br>PU COVERED ALUMINIUM | 24 | MESSWERTANZEIGE<br>INDICATION                            | OHNE<br>NONE                                |   |
| 9                           | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG              | SILIKONOL<br>SILICONE                       | 25 |  |   |   |
| 10                          | KIND OF WIRING<br>SCHALTUNGSART                     | 2-LEITER<br>2-WIRE                          | 26 |  |   |   |
| 11                          | POWER SUPPLY<br>HILFSENERGIE                        | 10.5...36 V DC                              | 27 |  |   |   |
| 12                          | OUTPUT SIGNAL<br>AUSGANGSSIGNAL                     | 4...20 mA, HART                             | 28 |  |   |   |
| 13                          | ACCURACY<br>GENAUIGKEIT                             | ± 0.25 %                                    | 29 |  |   |   |
| 14                          |   |   | 30 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE                  | EN 10 204 3.1.B (Q8)                        |   |
| 15                          | ALLOWED OPERATING PRESS.<br>ZUL. MAX. BETRIEBSDRUCK | 110 barg<br>1600 psig                       | 31 | KALIBRIERDATENBLATT<br>CALIBRATION DATA SHEET            | VOM MANUFACTURER (Q4)<br>BY HERSTELLER (Q4) |   |
| 16                          | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR       | -40°C...+120°C<br>-40°F...+250°F            | 32 | BESTELL-NR.<br>CATALOGUE-NO.                             | 2088G-3-S-22-B-2<br>Q4-Q8                   |   |

REMARK: 2-WAY-VALVE MANIFOLD, TYPE DIN 16271B  
BEMERKUNG: MFR BOLLIN

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG           | ADJU.RANGE<br>EING.BEREICH | OPER.PRESS.<br>BETR.DRUCK | MEDIUM<br>MEDIUM |
|---------------------|--------------------------------------|----------------------------|---------------------------|------------------|
| PT 16015            | STAGE 2 SUCTION<br>STUFE 2 ANSAUGUNG | 0...15 bar                 | 12,27 bar g               | AIR              |
| PT 16025            | STAGE 3 SUCTION<br>STUFE 3 ANSAUGUNG | 0...25 bar                 | 22,01 bar g               | AIR              |
| PT 16035            | STAGE 4 SUCTION<br>STUFE 4 ANSAUGUNG | 0...50 bar                 | 38,20 bar g               | AIR              |


|                    |          |                               |             |                               |           |                              |      |            |   |
|--------------------|----------|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|---|
| Rev.<br>Index      | 1        | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  | ↑ |
| Date<br>Datum      | 05.08.05 | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | REV. ZEILE |   |
| Drawn<br>Bearb.    | WEG      |                               |             |                               |           |                              |      | Sheet/Bl.  |   |
| Checked<br>Geprüft | AWI      |                               |             |                               |           |                              |      | 3 / 3      |   |

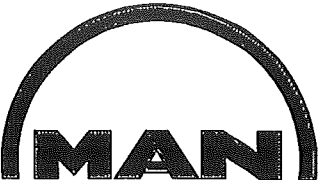
|   |  |                                       |  |  |   |                           |                              |   |  |
|---|--|---------------------------------------|--|--|---|---------------------------|------------------------------|---|--|
| CODE WORD<br>KENNWORT   |  | KOSBOOST                              |  | DATA SHEET / DATENBLATT                          |   |                           |                              |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER   |  | 312410                                |  | RESISTANCE THERMOMETER<br>WIDERSTANDSTHERMOMETER |   |                           |                              |   |  |
| Ass. / BG:  |  | 9112                                  |  |  |   |                           |                              |   |  |
| IDENT-NO.: / SACH-NR.:  |  |                                       |  |  |   |                           |                              |   |  |
| 1   | MANUFACTURER<br>HERSTELLER                         | EMMERSON                              |  | 17   | THERMOWELL TYPE<br>TYP SCHUTZHUELSE             | BAR STOCK                 |                              |   |  |
| 2   | TYPE<br>TYP  | 0065                                  |  | 18   | THERMOWELL MATERIAL<br>MATERIAL SCHUTZHUELSE    | 316 SS                    |                              |   |  |
| 3   | MEASURING ELEMENT<br>MESSELEMENT                   | PT100 OHM                             |  | 19   | THERMOWELL CONNECTION<br>ANSCHLUSS SCHUTZHUELSE | 1/2" NPT F                |                              |   |  |
| 4   | QUANTITY ELEMENT<br>ANZAHL ELEMENT                 | 2                                     |  | 20   | PROCESS CONNECTION<br>ANSCHLUSS PROZESS         | 3/4" BSPF                 |                              |   |  |
| 5   | KIND OF WIRING<br>SCHALTUNGSART                    | 3-WIRE                                |  | 21   | INSERT LENGTH<br>EINBAULAENGE                   | 215 mm                    |                              |   |  |
| 6   | STANDARD<br>NORM                                   | IEC 751                               |  | 22   | LABEL<br>BESCHRIFTUNGSSCHILD                    | SS TAG NUMBER LABEL       |                              |   |  |
| 7   | ACCURACY<br>GENAUIGKEIT                            | IEC 751 CLASS A                       |  | 23   |   |                           |                              |   |  |
| 8   | SHEATH MATERIAL<br>MATERIAL SCHUTZROHR             | 1.4571 (SS)                           |  | 24   |   |                           |                              |   |  |
| 9   | SHEATH DIAMETER<br>DURCHMESSER SCHUTZROHR          | 6mm                                   |  | 25   |   |                           |                              |   |  |
| 10  | SHEATH CONNECTION<br>ANSCHLUSS SCHUTZROHR          | 1/2" NPT M                            |  | 26   |   |                           |                              |   |  |
| 11  | CONNECTION HEAD TYPE<br>ANSCHLUSSKOPF FORM         | ROSEMOUNT<br>CODE D                   |  | 27   |   |                           |                              |   |  |
| 12  | CONNECTION HEAD MATERIAL<br>MATERIAL ANSCHLUSSKOPF | ALUMINIUM                             |  | 28   |   |                           |                              |   |  |
| 13  | CABLE ENTRY<br>KABELEINFUEHRUNG                    | M20x1.5                               |  | 29   |   |                           |                              |   |  |
| 14  | HOUSING PROTECTION<br>GEHAEUSESCHUTZART            | IP68                                  |  | 30   |   |                           |                              |   |  |
| 15  |  |                                       |  | 31   |   |                           |                              |   |  |
| 16  | THERMOWELL<br>SCHUTZHUELSE                         | YES                                   |  | 32   |   |                           |                              |   |  |
| REMARK:<br>BEMERKUNG: THE RDT IS CONSISTING OF SENSOR,<br>HEAD, EXTENSION NECK AND THERMOWELL |  |                                       |  |  |   |                           |                              |   |  |
| TAG-NO.<br>POS.-NR.   |  | DESIGNATION<br>BEZEICHNUNG            |  |  | OPER.TEMP.<br>BETR.TEMP.                        | OPER.PRESS.<br>BETR.DRUCK |                              | MEDIUM<br>MEDIUM  |  |
| TE 16045  |  | COMPR. DISCHARGE<br>KOMPR. AUSTRITT   |  |  | 47 °C   | 56 bar g                  |                              | AIR   |  |
| TE 16007  |  | STAGE 1 SUCTION<br>STUFE 1 ANSAUGUNG  |  |  | 20 °C   | 6,4 bar g                 |                              | AIR   |  |
| TE 16011  |  | STAGE 1 DISCHARGE<br>STUFE 1 AUSTRITT |  |  | 97,7°C  | 12,3 bar g                |                              | AIR   |  |
| Rev.<br>Index   | 1  |                                       |  | Date<br>Datum                                    | Drawn/Checked<br>Bearb./Gepr.                   |                           | Dept.<br>Abt.                | REV. LINE   |  |
| Date<br>Datum   | 05.08.05   |                                       |  | 10.03.05   | WEE / AWI                                       |                           | TK52                         | REV. ZEILE  |  |
| Drawn<br>Bearb.   | WEG  |                                       |  | Drawing No.<br>Zeichnungs-Nr.                    |   | Rev.<br>Index             | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.   |  |
| Checked<br>Geprüft  | AWI  |                                       |  | 10000198462 P.TE                                 |   | 1                         | AP                           | 1 / 3   |  |

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|-----------------------------|----------|--|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT                          |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | RESISTANCE THERMOMETER<br>WIDERSTANDSTHERMOMETER |  |   |
| Ass. / BG:                  | 9112     |  |  |   |
| IDENT-NO.: / SACH-NR.:      |          |  |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG            |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---------------------------------------|--|--------------------------|---------------------------|--|------------------|
| TE 16021            | STAGE 2 DISCHARGE<br>STUFE 2 AUSTRITT |  | 107 °C                   | 22,07 bar g               |  | AIR              |
| TE 16025            | STAGE 3 SUCTION<br>STUFE 3 ANSAUGUNG  |  | 36 °C                    | 22,01 bar g               |  | AIR              |
| TE 16031            | STAGE 3 DISCHARGE<br>STUFE 3 AUSTRITT |  | 105,3 °C                 | 38,29 bar g               |  | AIR              |
| TE 16035            | STAGE 4 SUCTION<br>STUFE 4 ANSAUGUNG  |  | 36 °C                    | 38,20 bar g               |  | AIR              |
| TE 16041            | STAGE 4 DISCHARGE<br>STUFE 4 AUSTRITT |  | 92 °C                    | 59,67 bar g               |  | AIR              |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.TE              | 1                             | AP                           | 2 / 3        |

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|-----------------------------|--|--------------------------------------|--|--|---|---------------------------|------------------------------|---|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST                             |  | DATA SHEET / DATENBLATT                          |   |                           |                              |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410                               |  | RESISTANCE THERMOMETER<br>WIDERSTANDSTHERMOMETER |   |                           |                              |   |  |
| Ass. / BG:                  |  | 9112                                 |  |  |   |                           |                              |   |  |
| IDENT-NO.: / SACH-NR.:      |  |                                      |  |  |   |                           |                              |   |  |
| 1                           | MANUFACTURER<br>HERSTELLER                         | ROSEMOUNT                            |  | 17   | THERMOWELL TYPE<br>TYP SCHUTZHUELSE             | BAR STOCK                 |                              |   |  |
| 2                           | TYPE<br>TYP  | 0065-C-2-2-C-0110                    |  | 18   | THERMOWELL MATERIAL<br>MATERIAL SCHUTZHUELSE    | 316 SS                    |                              |   |  |
| 3                           | MEASURING ELEMENT<br>MESSELEMENT                   | PT100 OHM                            |  | 19   | THERMOWELL CONNECTION<br>ANSCHLUSS SCHUTZHUELSE | M20 x 1,5                 |                              |   |  |
| 4                           | QUANTITY ELEMENT<br>ANZAHL ELEMENT                 | 2                                    |  | 20   | PROCESS CONNECTION<br>ANSCHLUSS PROZESS         | G 3/4"                    |                              |   |  |
| 5                           | KIND OF WIRING<br>SCHALTUNGSART                    | 3-WIRE                               |  | 21   | INSERT LENGTH<br>EINBAULAENGE                   | 170mm / 125mm             |                              |   |  |
| 6                           | STANDARD<br>NORM                                   | IEC 751                              |  | 22   | LABEL<br>BESCHRIFTUNGSSCHILD                    | SS TAG NUMBER LABEL       |                              |   |  |
| 7                           | ACCURACY<br>GENAUIGKEIT                            | CLASS A                              |  | 23   |   |                           |                              |   |  |
| 8                           | SHEATH MATERIAL<br>MATERIAL SCHUTZROHR             | 1.4571 (SS)                          |  | 24   |   |                           |                              |   |  |
| 9                           | SHEATH DIAMETER<br>DURCHMESSER SCHUTZROHR          | 6mm                                  |  | 25   |   |                           |                              |   |  |
| 10                          | SHEATH CONNECTION<br>ANSCHLUSS SCHUTZROHR          | M24x1,5                              |  | 26   |   |                           |                              |   |  |
| 11                          | CONNECTION HEAD TYPE<br>ANSCHLUSSKOPF FORM         | ROSEMOUNT<br>CODE C                  |  | 27   |   |                           |                              |   |  |
| 12                          | CONNECTION HEAD MATERIAL<br>MATERIAL ANSCHLUSSKOPF | ALUMINIUM                            |  | 28   |   |                           |                              |   |  |
| 13                          | CABLE ENTRY<br>KABELEINFUEHRUNG                    | M20 x 1,5                            |  | 29   |   |                           |                              |   |  |
| 14                          | HOUSING PROTECTION<br>GEHAEUSESCHUTZART            | IP65                                 |  | 30   |   |                           |                              |   |  |
| 15                          | EXPLOSION PROOF<br>EXPLOSIONSSCHUTZ                | -                                    |  | 31   |   |                           |                              |   |  |
| 16                          | THERMOWELL<br>SCHUTZHUELSE                         | YES                                  |  | 32   |   |                           |                              |   |  |
| REMARK:<br>BEMERKUNG:       |  |                                      |  |  |   |                           |                              |   |  |
| TAG-NO.<br>POS.-NR.         |  | DESIGNATION<br>BEZEICHNUNG           |  |  | OPER.TEMP.<br>BETR.TEMP.                        | OPER.PRESS.<br>BETR.DRUCK |                              | MEDIUM<br>MEDIUM  |  |
| TE 16015                    |  | STAGE 2 SUCTION<br>STUFE 2 ANSAUGUNG |  |  | 36 °C   | 12,27 bar g               |                              | AIR   |  |
|                             |  |                                      |  |  |   |                           |                              |   |  |
|                             |  |                                      |  |  |   |                           |                              |   |  |
| Rev.<br>Index               | 1  |                                      |  | Date<br>Datum                                    | Drawn/Checked<br>Bearb./Gepr.                   |                           | Dept.<br>Abt.                | REV. LINE   |  |
| Date<br>Datum               | 05.08.05   |                                      |  | 10.03.05   | WEE / AWI                                       |                           | TK52                         | REV. ZEILE ↑  |  |
| Drawn<br>Bearb.             | WEG  |                                      |  | Drawing No.<br>Zeichnungs-Nr.                    |   | Rev.<br>Index             | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.   |  |
| Checked<br>Geprüft          | AWI  |                                      |  | 10000198462 P.TE                                 |   | 1                         | AP                           | 3 / 3   |  |


|                             |  |          |  |                            |  |   |  |
|-----------------------------|--|----------|--|----------------------------|--|---|--|
| CODE WORD<br>KENNWORT       |  | KOSBOOST |  | DATA SHEET / DATENBLATT    |  |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER |  | 312410   |  | THERMOMETER<br>THERMOMETER |  |   |  |
| Ass. / BG:                  |  | 9102     |  |                            |  |   |  |
| IDENT-NO.: / SACH-NR.:      |  |          |  |                            |  |   |  |

|    |   |   |    |   |   |
|----|---|---|----|---|---|
| 1  | MANUFACTURER<br>HERSTELLER                    | WIKA  | 17 | THERMOWELL<br>SCHUTZHUELSE                      | JA<br>YES   |
| 2  | TYPE<br>TYP                                   | S 5550  | 18 | THERMOWELL TYPE<br>TYP SCHUTZHUELSE             | BAR STOCK   |
| 3  | RANGE<br>MESSBEREICH                          | 0°C...+100°C                                      | 19 | THERMOWELL MATERIAL<br>MATERIAL SCHUTZHUELSE    | 316 SS  |
| 4  | CASE DIAMETER<br>DURCHMESSER GEHAEUSE         | 100 mm<br>4"                                      | 20 | THERMOWELL CONNECTION<br>ANSCHLUSS SCHUTZHUELSE | G 1/2"  |
| 5  | MEASURING ELEMENT<br>MESSELEMENT              | BIMETALLWENDEL<br>COILED BIMETAL                  | 21 | PROCESS CONNECTION<br>ANSCHLUSS PROZESS         | G 3/4"  |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT      | BIMETALL<br>BIMETAL                               | 22 | INSERT LENGTH<br>EINBAULAENGE                   | 160 mm  |
| 7  | ELEMENT DIAMETER<br>DURCHMESSER MESSELEMENT   | 6 mm  | 23 | LABEL<br>BESCHRIFTUNGSSCHILD                    | EDELSTAHLSCILD<br>SS TAG LABEL                    |
| 8  | ELEMENT CONNECTION<br>ANSCHLUSS MESSELEMENT   | G 1/4" A [1.4571]<br>G 1/4" M [1.4571]            | 24 | ZIFFERNBLATT<br>DIAL                            | AL, WEISS/ SKALA SCHWZ.<br>AL, WHT/ BLK LETTERING |
| 9  | SIZE AND LOCATION CON.<br>ANSCHLUSSLAGE       | RÜCKSEITIG<br>CENTER BACK                         | 25 | SKALENEINHEIT<br>SCALE UNIT                     | °C  |
| 10 | CASE MATERIAL<br>MATERIAL GEHAEUSE            | CrNi-STAHl<br>CrNi-STEEL                          | 26 |   |   |
| 11 | ACCURACY<br>GENAUIGKEIT                       | KLASSE 1,0 (DIN 16 203)<br>CLASS 1,0 (DIN 16 203) | 27 | ANSCHLUSSFORM<br>CONNECTOR                      | KLEMMVERSCHRAUBUNG<br>COMPRESSION FITTING         |
| 12 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR | 1,1 x MESSBEREICH<br>1,1 x MEASURING RANGE        | 28 | GEHÄUSEAUSFÜHRUNG<br>CASE                       | DREH- U. SCHWENKBAR<br>ADJUSTABLE EVERY ANGLE     |
| 13 | KIND OF MOUNTING<br>MONTAGEART                | ROHRMONTAGE<br>PIPE MOUNTED                       | 29 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE         | EN 10 204 3.1.B<br>(FOR THERMOWELL)               |
| 14 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART       | IP 56 (EN 60529/ IEC 529)                         | 30 |   |   |
| 15 | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG        | JA<br>YES   | 31 |   |   |
| 16 | GLASS COVER<br>GLASSCHEIBE                    | SICHERHEITSGLAS<br>SAFETY GLASS                   | 32 | ARTIKEL-NR.<br>CATALOGUE-NO.                    |   |

REMARK:  
BEMERKUNG:

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG  |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---|--|--------------------------|---------------------------|--|------------------|
| TI 16505            | HEADER COOLING WATER SUPPLY<br>SAMMELLEITUNG KUEHLWASSERZULAUF              |  | 37 °C                    | 3,0 bar (g)               |  | CW               |
| TI 16512            | STAGE 1 COOLER COOLING WATER OUTLET<br>STUFE 1 KUEHLER KUEHLWASSER AUSTRITT |  | 47 °C                    | 2 bar (g)                 |  | CW               |
| TI 16522            | STAGE 2 COOLER COOLING WATER OUTLET<br>STUFE 2 KUEHLER KUEHLWASSER AUSTRITT |  | 47 °C                    | 2 bar (g)                 |  | CW               |


|                    |          |  |  |  |                               |                  |                               |           |                              |      |                         |
|--------------------|----------|--|--|--|-------------------------------|------------------|-------------------------------|-----------|------------------------------|------|-------------------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | 10.03.05         | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE<br>REV. ZEILE |
| Date<br>Datum      | 05.08.05 |  |  |  |                               |                  |                               |           |                              |      |                         |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 P.TI | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.<br>1 / 3      |
| Checked<br>Geprüft | AWI      |  |  |  |                               |                  |                               |           |                              |      |                         |

|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | THERMOMETER             |  |   |
| Ass. / BG:                  | 9102     | THERMOMETER             |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG  |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|---|--|--------------------------|---------------------------|--|------------------|
| TI 16532            | STAGE 3 COOLER COOLING WATER OUTLET<br>STUFE 3 KUEHLER KUEHLWASSER AUSTRITT |  | 47 °C                    | 2 bar (g)                 |  | CW               |
| TI 16542            | STAGE 4 COOLER COOLING WATER OUTLET<br>STUFE 4 KUEHLER KUEHLWASSER AUSTRITT |  | 47 °C                    | 2 bar (g)                 |  | CW               |

|                    |          |  |  |  |                               |                               |                              |              |
|--------------------|----------|--|--|--|-------------------------------|-------------------------------|------------------------------|--------------|
| Rev.<br>Index      | 1        |  |  |  | Date<br>Datum                 | Drawn/Checked<br>Bearb./Gepr. | Dept.<br>Abt.                | REV. LINE    |
| Date<br>Datum      | 05.08.05 |  |  |  | 10.03.05                      | WEE / AWI                     | TK52                         | REV. ZEILE ↑ |
| Drawn<br>Bearb.    | WEG      |  |  |  | Drawing No.<br>Zeichnungs-Nr. | Rev.<br>Index                 | CAD-Drawing<br>CAD-Zeichnung | Sheet/Bl.    |
| Checked<br>Geprüft | AWI      |  |  |  | 10000198462 P.TI              | 1                             | AP                           | 2 / 3        |



|                             |          |                         |  |   |
|-----------------------------|----------|-------------------------|--|---|
| CODE WORD<br>KENNWORT       | KOSBOOST | DATA SHEET / DATENBLATT |  |  |
| ORDER NO.<br>AUFTRAGSNUMMER | 312410   | THERMOMETER             |  |   |
| Ass. / BG:                  | 9102     | THERMOMETER             |  |   |
| IDENT-NO.: / SACH-NR.:      |          |                         |  |   |

|    |   |   |    |   |   |
|----|---|---|----|---|---|
| 1  | MANUFACTURER<br>HERSTELLER                    | WIKA  | 17 | THERMOWELL<br>SCHUTZHUELSE                      | JA<br>YES   |
| 2  | TYPE<br>TYP                                   | S 5550  | 18 | THERMOWELL TYPE<br>TYP SCHUTZHUELSE             | BAR STOCK   |
| 3  | RANGE<br>MESSBEREICH                          | 0°C...+100°C                                      | 19 | THERMOWELL MATERIAL<br>MATERIAL SCHUTZHUELSE    | 316 SS  |
| 4  | CASE DIAMETER<br>DURCHMESSER GEHAEUSE         | 100 mm<br>4"                                      | 20 | THERMOWELL CONNECTION<br>ANSCHLUSS SCHUTZHUELSE | G 1/2"  |
| 5  | MEASURING ELEMENT<br>MESSELEMENT              | BIMETALLWENDEL<br>COILED BIMETAL                  | 21 | PROCESS CONNECTION<br>ANSCHLUSS PROZESS         | G 3/4"  |
| 6  | ELEMENT MATERIAL<br>MATERIAL MESSELEMENT      | BIMETALL<br>BIMETAL                               | 22 | INSERT LENGTH<br>EINBAULAENGE                   | 82 mm   |
| 7  | ELEMENT DIAMETER<br>DURCHMESSER MESSELEMENT   | 6 mm  | 23 | LABEL<br>BESCHRIFTUNGSSCHILD                    | EDELSTAHLSCILD<br>SS TAG LABEL                    |
| 8  | ELEMENT CONNECTION<br>ANSCHLUSS MESSELEMENT   | G 1/4" A [1.4571]<br>G 1/4" M [1.4571]            | 24 | ZIFFERNBLATT<br>DIAL                            | AL, WEISS/ SKALA SCHWZ.<br>AL, WHT/ BLK LETTERING |
| 9  | SIZE AND LOCATION CON.<br>ANSCHLUSSLAGE       | RÜCKSEITIG<br>CENTER BACK                         | 25 | SKALENEINHEIT<br>SCALE UNIT                     | °C  |
| 10 | CASE MATERIAL<br>MATERIAL GEHAEUSE            | CrNi-STAHl<br>CrNi-STEEL                          | 26 |   |   |
| 11 | ACCURACY<br>GENAUIGKEIT                       | KLASSE 1,0 (DIN 16 203)<br>CLASS 1,0 (DIN 16 203) | 27 | ANSCHLUSSFORM<br>CONNECTOR                      | KLEMMVERSCHRAUBUNG<br>COMPRESSION FITTING         |
| 12 | ALLOWED MEDIUM TEMP.<br>ZUL. MEDIUMTEMPERATUR | 1,1 x MESSBEREICH<br>1,1 x MEASURING RANGE        | 28 | GEHÄUSEAUSFÜHRUNG<br>CASE                       | DREH- U. SCHWENKBAR<br>ADJUSTABLE EVERY ANGLE     |
| 13 | KIND OF MOUNTING<br>MONTAGEART                | ROHRMONTAGE<br>PIPE MOUNTED                       | 29 | MATERIALZEUGNIS<br>MATERIAL CERTIFICATE         | EN 10 204 3.1.B<br>(FOR THERMOWELL)               |
| 14 | HOUSING PROTECTION<br>GEHAEUSESCHUTZART       | IP 56 (EN 60529/ IEC 529)                         | 30 |   |   |
| 15 | LIQUID FILLED<br>FLUESSIGKEITSFUELLUNG        | JA<br>YES   | 31 |   |   |
| 16 | GLASS COVER<br>GLASSCHEIBE                    | SICHERHEITSGLAS<br>SAFETY GLASS                   | 32 | ARTIKEL-NR.<br>CATALOGUE-NO.                    |   |

|                       |
|-----------------------|
| REMARK:<br>BEMERKUNG: |
|-----------------------|

| TAG-NO.<br>POS.-NR. | DESIGNATION<br>BEZEICHNUNG                             |  | OPER.TEMP.<br>BETR.TEMP. | OPER.PRESS.<br>BETR.DRUCK |  | MEDIUM<br>MEDIUM |
|---------------------|--|--|--------------------------|---------------------------|--|------------------|
| TI 16621            | MOTOR COOLING WATER RETURN<br>MOTOR KUEHLWASSER ABLAUF |  | XX °C                    | XX barg                   |  | WATER            |
|                     |  |  |                          |                           |  |                  |
|                     |  |  |                          |                           |  |                  |

|                    |          |  |  |                               |             |                               |           |                              |      |            |
|--------------------|----------|--|--|-------------------------------|-------------|-------------------------------|-----------|------------------------------|------|------------|
| Rev.<br>Index      | 1        |  |  | Date<br>Datum                 | 10.03.05    | Drawn/Checked<br>Bearb./Gepr. | WEE / AWI | Dept.<br>Abt.                | TK52 | REV. LINE  |
| Date<br>Datum      | 05.08.05 |  |  |                               |             |                               |           |                              |      | REV. ZEILE |
| Drawn<br>Bearb.    | WEG      |  |  | Drawing No.<br>Zeichnungs-Nr. | 10000198462 | Rev.<br>Index                 | 1         | CAD-Drawing<br>CAD-Zeichnung | AP   | Sheet/Bl.  |
| Checked<br>Geprüft | AWI      |  |  |                               | P.TI        |                               |           |                              |      | 3 / 3      |