

				Specification Pressure Limit Switch				TAG - No.: PDL20015			
				Air Liquide AGS GmbH				Project: ASU No. 9 KOSICE			
<input checked="" type="checkbox"/> Gauge <input type="checkbox"/> Diff.-press. <input type="checkbox"/> Absolute pressure				Designation: DIFF. PRESSURE UK20013				Page: of:			
								Combination with TAG-No.:			

Rev.							Rev.						
		Line - No.	250 O-20007-ZB40C1						Casing	polycarbon	Protection DIN 40050	IP65/ NEMA 4x	
		Equipment-No.							Switch design	<input type="checkbox"/> inductive <input checked="" type="checkbox"/> Micro switch <input type="checkbox"/> pneumatic			
		DN	250	PN	40	Material	SST			Hysteresis	< 1%	Power load	24 VDC / 1 A
		Flanges			Gasket					Cable gland	<input checked="" type="checkbox"/> PG 13,5 <input type="checkbox"/> 1/2" NPT		
		Taps			Material					Ex-protection	<input checked="" type="checkbox"/> without <input type="checkbox"/> EEx		
		Medium	GOX (oxygen)						Allowed medium temp.	-25 ... +70 °C			
		State	<input type="checkbox"/> liquid <input checked="" type="checkbox"/> gaseous <input type="checkbox"/> vaporous						Allowed ambient temp.	-25 ... +70 °C			
		Unit	min.	norm.	max.				Overload limits:				
		Flow	m³/h							max. static pressure	40 bar (g)		
		P ₁ (abs.)	bar	28	28	28				Plus-side			
		Temperature t ₁	°C	23,1	20	19,4				Minus-side			
		Ambient temp.	°C	-25...+35°C									
		Manufacturer	PINTER						Operating instruction	<input type="checkbox"/> German <input checked="" type="checkbox"/> English <input type="checkbox"/> French			
		Type	MANOCOMB-IP65/KPD/VA/G1/2/SFCI/OXY						Quantity per type	4-fold			
		Ordering-No.							<input type="checkbox"/> Material certificate EN 10204 -3.1B <input checked="" type="checkbox"/> Cleaned, oil and grease free, acc. certificate 06401 <input checked="" type="checkbox"/> Packed acc. certificate 06271 <input type="checkbox"/> Conformity certificate <input checked="" type="checkbox"/> UVV-Gase <input checked="" type="checkbox"/> UVV-Sauerstoff <input checked="" type="checkbox"/> Marking with TAG-number				
		Range	0...4 bar										
		Adjusted at:											
		Process connect.	<input checked="" type="checkbox"/> G 1/2 A <input type="checkbox"/> G 1/4 <input type="checkbox"/> 1/2" NPT										
		Mounting position											
		Material medium contacted parts:											
		Connection	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>										
		Sensor casing	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>										
		Sensor element	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>										
		Diaphragm	<input type="checkbox"/> 316 Ti <input type="checkbox"/> Perbunan <input type="checkbox"/>										
		Gaskets	<input type="checkbox"/> Buna <input type="checkbox"/> Viton <input type="checkbox"/>										

- Approval according to "VdTÜV Druck 100 / TRD 604"

Special design: - distance between plus and minus connections (G1/2") shall be 54 mm
 - cable gland shall be fixed sideways

0	05.01.2005	Möller	Eichler	Initial Version	1	12.01.2005	Möller	Eichler	TAG-No.
Rev.	Date	Name	Checked	Change	Rev.	Date	Name	Checked	Change

AIR LIQUIDE <small>TM</small>				Specification Pressure Limit Switch				TAG - No.: PDL20016	
Air Liquide AGS GmbH				Project: ASU No. 9 KOSICE				Project No.: K70101	
<input checked="" type="checkbox"/> Gauge <input type="checkbox"/> Diff.-press. <input type="checkbox"/> Absolute pressure				Designation: DIFF. PRESSURE UK20014				Page: of: Combination with TAG-No.:	

Rev.							Rev.							
1	Location	Line - No.	250 O-20006-ZB40C1				57		Casing	polycarbon	Protection DIN 40050	IP65/ NEMA 4x		
2		Equipment-No.					58		Switch design	<input type="checkbox"/> inductive <input checked="" type="checkbox"/> Micro switch <input type="checkbox"/> pneumatic				
3		DN	250	PN	40	Material	SST	59		Hysteresis	< 1%	Power load	24 VDC / 1 A	
4		Flanges			Gasket			60		Cable gland	<input checked="" type="checkbox"/> PG 13,5 <input type="checkbox"/> 1/2" NPT			
5		Taps			Material			61		Ex-protection	<input checked="" type="checkbox"/> without <input type="checkbox"/> EEx			
6	Service conditions	Medium	GOX (oxygen)				62	Order data	Allowed medium temp.	-25 ... +70 °C				
7		State	<input type="checkbox"/> liquid <input checked="" type="checkbox"/> gaseous <input type="checkbox"/> vaporous				63		Allowed ambient temp.	-25 ... +70 °C				
8		Unit	min.	norm.	max.		64		Overload limits:					
9		Flow	m³/h				65		max. static pressure	40 bar (g)				
10		P ₁ (abs.)	bar	28	28	28			66	Plus-side				
11		Temperature t ₁	°C	23,1	20	19,4			67	Minus-side				
12		Ambient temp.	°C	-25...+35°C					68					
13							69							
14							70			Operating instruction	<input type="checkbox"/> German <input checked="" type="checkbox"/> English <input type="checkbox"/> French			
15		Order data	Manufacturer	PINTER					71		Quantity per type	4-fold		
16	Type		MANOCOMB-IP65/KPDI/VA/G1/2/SFCI/OXY				72							
17	Ordering-No.						73							
18	Range		0...4 bar				74							
19	Adjusted at:						75	Certificates		<input type="checkbox"/> Material certificate EN 10204 -3.1B				
20	Process connect.		<input checked="" type="checkbox"/> G 1/2 A <input type="checkbox"/> G 1/4 <input type="checkbox"/> 1/2" NPT				76			<input checked="" type="checkbox"/> Cleaned, oil and grease free, acc. certificate 06401				
21	Mounting position						77			<input checked="" type="checkbox"/> Packed acc. certificate 06271				
22	Material medium contacted parts:						78			<input type="checkbox"/> Conformity certificate				
23	Connection		<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>				79			<input checked="" type="checkbox"/> UVV-Gase				
24	Sensor casing		<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>				80			<input checked="" type="checkbox"/> UVV-Sauerstoff				
25	Sensor element	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>				81			<input checked="" type="checkbox"/> Marking with TAG-number					
26	Diaphragm	<input type="checkbox"/> 316 Ti <input type="checkbox"/> Perbunan <input type="checkbox"/>				82								
27	Gaskets	<input type="checkbox"/> Buna <input type="checkbox"/> Viton <input type="checkbox"/>				83								
28						84								
29	Remarks	- Approval according to "VdTÜV Druck 100 / TRD 604"												
30		Special design: - distance between plus and minus connections (G1/2") shall be 54 mm												
31		- cable gland shall be fixed sideways												
32														
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0	05.01.2005	Möller	Eichler	Initial Version	1	12.01.2005	Möller	Eichler	TAG-No.
Rev.	Date	Name	Checked	Change	Rev.	Date	Name	Checked	Change

AIR LIQUIDE <small>TM</small>				Specification Pressure Limit Switch				TAG - No.: PHH62006			
Air Liquide AGS GmbH				Project: ASU No. 9 KOSICE				Project No.: K70101			
<input checked="" type="checkbox"/> Gauge <input type="checkbox"/> Diff.-press. <input type="checkbox"/> Absolute pressure				Designation: LOX TANK B62001				Page: of: Combination with TAG-No.:			

Rev.							Rev.					
		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70	71	72	73
		21	22	23	24	25			74	75	76	77
		26	27	28	29	30			78	79	80	81
		31	32	33	34	35			82	83	84	85
		36	37	38	39	40			86	87	88	89
		41	42	43	44	45			90	91	92	93
		46	47	48	49	50			94	95	96	97
		51	52	53	54	55			98	99	100	101

		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70	71	72	73
		21	22	23	24	25			74	75	76	77
		26	27	28	29	30			78	79	80	81
		31	32	33	34	35			82	83	84	85
		36	37	38	39	40			86	87	88	89
		41	42	43	44	45			90	91	92	93
		46	47	48	49	50			94	95	96	97
		51	52	53	54	55			98	99	100	101

		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70	71	72	73
		21	22	23	24	25			74	75	76	77
		26	27	28	29	30			78	79	80	81
		31	32	33	34	35			82	83	84	85
		36	37	38	39	40			86	87	88	89
		41	42	43	44	45			90	91	92	93
		46	47	48	49	50			94	95	96	97
		51	52	53	54	55			98	99	100	101

		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70	71	72	73
		21	22	23	24	25			74	75	76	77
		26	27	28	29	30			78	79	80	81
		31	32	33	34	35			82	83	84	85
		36	37	38	39	40			86	87	88	89
		41	42	43	44	45			90	91	92	93
		46	47	48	49	50			94	95	96	97
		51	52	53	54	55			98	99	100	101

		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70	71	72	73
		21	22	23	24	25			74	75	76	77
		26	27	28	29	30			78	79	80	81
		31	32	33	34	35			82	83	84	85
		36	37	38	39	40			86	87	88	89
		41	42	43	44	45			90	91	92	93
		46	47	48	49	50			94	95	96	97
		51	52	53	54	55			98	99	100	101

		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70	71	72	73
		21	22	23	24	25			74	75	76	77
		26	27	28	29	30			78	79	80	81
		31	32	33	34	35			82	83	84	85
		36	37	38	39	40			86	87	88	89
		41	42	43	44	45			90	91	92	93
		46	47	48	49	50			94	95	96	97
		51	52	53	54	55			98	99	100	101

		1	2	3	4	5			57	58	59	60
		6	7	8	9	10			62	63	64	65
		11	12	13	14	15			66	67	68	69
		16	17	18	19	20			70			

		Specification Pressure Limit Switch				TAG - No.: PHH72006	
						Project No.: K70101	
Air Liquide AGS GmbH				Project: ASU No. 9 KOSICE		Page: _____ of: _____	
<input checked="" type="checkbox"/> Gauge <input type="checkbox"/> Diff.-press. <input type="checkbox"/> Absolute pressure				Designation: LIN TANK B72001		Combination with TAG-No.: _____	

Rev.							Rev.						
		1	Line - No.						57	Casing	polycarbon	Protection DIN 40050	IP65/ NEMA 4x
		2	Equipment-No.	B72001					58	Switch design	<input type="checkbox"/> induktive <input checked="" type="checkbox"/> Micro switch <input type="checkbox"/> pneumatic		
		3	DN	PN		Material			59				
		4	Flanges			Gasket			60	Hysteresis	< 1%	Power load	24 VDC / 1 A
		5	Taps			Material			61	Cable gland	<input checked="" type="checkbox"/> PG 13,5 <input type="checkbox"/> 1/2" NPT <input checked="" type="checkbox"/> without <input type="checkbox"/> EEx		
		6	Medium	GAN (nitrogen)					62	Ex-protection			
		7							63	Allowed medium temp.	-25 ... +70 °C		
		8	State	<input type="checkbox"/> liquid <input checked="" type="checkbox"/> gaseous <input type="checkbox"/> vaporous					64	Allowed ambient temp.	-25 ... +70 °C		
		9		Unit	min.	norm.	max.		65	Overload limits:			
		10	Flow	m³/h					66	max. static pressure	-1...4 bar (g)		
		11	P ₁ (abs.)	bar	1,13	1,13	1,13		67	Plus-side			
		12	Temperature t ₁	°C	-195,3	-195,3	-195,3		68	Minus-side			
		13	Ambient temp.	°C	-25...40 °C				69				
		14							70	Operating instruction	<input type="checkbox"/> German <input checked="" type="checkbox"/> English <input type="checkbox"/> French		
		15	Manufacturer	PINTER					71	Quantity per type	4-fold		
		16	Type	Manocomb 1K / VA / G1/2A / VdTÜV					72				
		17	Ordering-No.						73	<input type="checkbox"/> Material certificate EN 10204 -3.1B			
		18	Range	0...60 mbar (g)					74	<input checked="" type="checkbox"/> Cleaned, oil and grease free, acc. certificate 06401			
		19	Adjusted at:						75	<input checked="" type="checkbox"/> Packed acc. certificate 06271			
		20	Process connect.	<input checked="" type="checkbox"/> G 1/2 A <input type="checkbox"/> G 1/4 <input type="checkbox"/> 1/2" NPT					76	<input type="checkbox"/> Conformity certificate			
		21	Mounting position						77	<input checked="" type="checkbox"/> UVV-Gase			
		22	Material medium contacted parts:						78	<input checked="" type="checkbox"/> UVV-Sauerstoff			
		23	Connection	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>					79	<input checked="" type="checkbox"/> Marking with TAG-number			
		24	Sensor casing	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>					80				
		25	Sensor element	<input checked="" type="checkbox"/> 316 Ti <input type="checkbox"/> Brass <input type="checkbox"/>					81				
		26	Diaphragm	<input type="checkbox"/> 316 Ti <input type="checkbox"/> Perbunan <input type="checkbox"/>					82				
		27	Gaskets	<input type="checkbox"/> Buna <input type="checkbox"/> Viton <input type="checkbox"/>					83				
		28							84				

Rev.	0	14.10.2004	Möller	Eichler	Initial Version	Rev.		Date	Name	Checked	Change
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