

Material and part list - QE15038

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V4	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V3	1	ball valve, 4-way, stainless steel, 6mm, pneumatic actuator	SS-43YF2-S31	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9		1	stainless female branch tee, 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
10		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
11		2	delimter nozzle 10-20 l/h stainless female VCR nut, 1/4" stainless male VCR nut, 1/4" stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-1 SS-4-VCR-4 SS-4-VCR-2-BL	Swagelok Swagelok Swagelok
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
13		1	junction box	AE1035.500	Rittal
14	2S1	1	selector switch	M22-WRK	Moeller
15		1	legend plate	M22S-ST-X	Moeller
16		1	insert label	M22-XST	Moeller
17		1	fastening adapter	M22-A	Moeller
18		4	tail end	Clipfix35	Phoenix Contact
19	X2	23	terminal block, spring-cage connection	ST 2.5	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin	ST 2.5-TWIN	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin, blue	ST 2.5-TWIN BU	Phoenix Contact
22	X1	1	ground terminal block, spring-cage connection, twin	ST 2.5-TWIN-PE	Phoenix Contact
23		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
24	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE22011**ASU No. 9 Kosice****Project-No.: 05/142**

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3, V4, V5	4	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
7	PC1	1	back pressure regulator, 0-50 psig	BP3-1D11D5E114	GO Regulator
8	FT1	1	flowmeter, 25-250 l/h, 4-20 mA	DK37/M8E	Krohne
9	FI1	1	flowmeter, 25-250 l/h	DK46	Krohne
10	FI2	1	flowmeter, 25-250 l/h, with needle valve	DK46	Krohne
11		1	junction box	AE1035.500	Rittal
12	2S1	1	selector switch	M22-WRK	Moeller
13		1	legend plate	M22S-ST-X	Moeller
14		1	insert label	M22-XST	Moeller
15		1	fastening adapter	M22-A	Moeller
16		4	tail end	Clipfix35	Phoenix Contact
17	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
18	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
19	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
20	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
21		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
22	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex
23	2U7	1	electrically heated tubular furnace	RTDM 2/12 DS	Ruhrstrat

Material and part list - QE20001

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3, V4, V5	4	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	stainless female branch tee, 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
7	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
8		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
9		1	delimter nozzle 10-20 l/h stainless female VCR nut, 1/4" stainless male VCR nut, 1/4" stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-1 SS-4-VCR-4 SS-4-VCR-2-BL	Swagelok Swagelok Swagelok
10		1	junction box	AE1035.500	Rittal
11	2S1	1	selector switch	M22-WRK	Moeller
12		1	legend plate	M22S-ST-X	Moeller
13		1	insert label	M22-XST	Moeller
14		1	fastening adapter	M22-A	Moeller
15		4	tail end	Clipfix35	Phoenix Contact
16	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
17	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
18	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
19	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
20		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
21	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE20005

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3, V4	3	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	stainless female branch tee, 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
7	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
8		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
9		1	delimeter nozzle 10-20 l/h		
			stainless female VCR nut, 1/4"	SS-4-VCR-1	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-2-BL	Swagelok
10		1	junction box	AE1035.500	Rittal
11	2S1	1	selector switch	M22-WRK	Moeller
12		1	legend plate	M22S-ST-X	Moeller
13		1	insert label	M22-XST	Moeller
14		1	fastening adapter	M22-A	Moeller
15		4	tail end	Clipfix35	Phoenix Contact
16	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
17	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
18	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
19	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
20		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
21	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE20011

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3, V4	3	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	stainless female branch tee, 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
7	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
8		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
9		1	delimter nozzle 10-20 l/h	SS-4-VCR-1	Swagelok
			stainless female VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-2-BL	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	AE1035.500	Rittal
10		1	junction box	M22-WRK	Moeller
11	2S1	1	selector switch	M22S-ST-X	Moeller
12		1	legend plate	M22-XST	Moeller
13		1	insert label	M22-A	Moeller
14		1	fastening adapter	Clipfix35	Phoenix Contact
15		4	tail end	ST 2.5	Phoenix Contact
16	X2	23	terminal block, spring-cage connection	ST 2.5-TWIN	Phoenix Contact
17	X1	1	terminal block, spring-cage connection, twin	ST 2.5-TWIN BU	Phoenix Contact
18	X1	1	terminal block, spring-cage connection, twin, blue	ST 2.5-TWIN-PE	Phoenix Contact
19	X1	1	ground terminal block, spring-cage connection, twin	ST 6 PE	Phoenix Contact
20		1	ground terminal block, spring-cage connection	Xentra4000	Servomex
21	1A2	1	analyser Servomex, 1 channel		

Material and part list - QE23013

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3, V5	3	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 3-way, stainless steel, 6mm, pneumatic actuator	SS-42XS-6MM-51S	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9		1	stainless female branch tee, 6 mm - 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
10		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
11		1	delimitter nozzle 10-20 l/h stainless female VCR nut, 1/4" stainless male VCR nut, 1/4" stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-1 SS-4-VCR-4 SS-4-VCR-2-BL	Swagelok Swagelok Swagelok
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
13		1	junction box	AE1035.500	Rittal
14	2S1	1	selector switch	M22-WRK	Moeller
15		1	legend plate	M22S-ST-X	Moeller
16		1	insert label	M22-XST	Moeller
17		1	fastening adapter	M22-A	Moeller
18		4	tail end	Clipfix35	Phoenix Contact
19	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
22	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
23		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
24	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE23016

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 3-way, stainless steel, 6mm, pneumatic actuator	SS-42XS-6MM-51S	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xavier GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9		1	stainless female branch tee, 6 mm - 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
10		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
11		1	delimter nozzle 10-20 l/h stainless female VCR nut, 1/4" stainless male VCR nut, 1/4" stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-1 SS-4-VCR-4 SS-4-VCR-2-BL	Swagelok Swagelok Swagelok
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
13		1	junction box	AE1035.500	Rittal
14	2S1	1	selector switch	M22-WRK	Moeller
15		1	legend plate	M22S-ST-X	Moeller
16		1	insert label	M22-XST	Moeller
17		1	fastening adapter	M22-A	Moeller
18		4	tail end	Clipfix35	Phoenix Contact
19	X2	23	terminal block, spring-cage connection	ST 2.5	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin	ST 2.5-TWIN	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin, blue	ST 2.5-TWIN BU	Phoenix Contact
22	X1	1	ground terminal block, spring-cage connection, twin	ST 2.5-TWIN-PE	Phoenix Contact
23		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
24	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE43033

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 3-way, stainless steel, 6mm, pneumatic actuator	SS-42XS-6MM-51S	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9		1	stainless female branch tee, 6 mm - 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
10		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
11		1	delimiter nozzle 10-20 l/h	SS-4-VCR-1	Swagelok
			stainless female VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-2-BL	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	S-10	WIKA
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	AE1035.500	Rittal
13		1	junction box	M22-WRK	Moeller
14	2S1	1	selector switch	M22S-ST-X	Moeller
15		1	legend plate	M22-XST	Moeller
16		1	insert label	M22-A	Moeller
17		1	fastening adapter	Clipfix35	Phoenix Contact
18		4	tail end	ST 2,5	Phoenix Contact
19	X2	23	terminal block, spring-cage connection	ST 2,5-TWIN	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN BU	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN-PE	Phoenix Contact
22	X1	1	ground terminal block, spring-cage connection, twin	ST 6 PE	Phoenix Contact
23		1	ground terminal block, spring-cage connection	Xentra4000	Servomex
24	1A2	1	analyser Servomex, 1 channel		

Material and part list - QE64051

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3, V4	3	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	stainless female branch tee, 6 mm - 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
7		2	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
8		1	delimter nozzle 10-20 l/h		
			stainless female VCR nut, 1/4"	SS-4-VCR-1	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-2-BL	Swagelok
9	PT1	1	pressure transmitter, 0-1.0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
10		1	junction box	AE1035.500	Rittal
11	2S1	1	selector switch	M22-WRK	Moeller
12		1	legend plate	M22S-ST-X	Moeller
13		1	insert label	M22-XST	Moeller
14		1	fastening adapter	M22-A	Moeller
15		4	tail end	Clipfix35	Phoenix Contact
16	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
17	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
18	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
19	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
20		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
21	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE74090

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V5	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V3, V4	2	ball valve, 3-way, stainless steel, 6mm, pneumatic actuator	SS-42XS-6MM-51S	Swagelok
6	MV1, MV2	2	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9		1	stainless female branch tee, 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
10		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
11		1	delimiter nozzle 10-20 l/h stainless female VCR nut, 1/4" stainless male VCR nut, 1/4" stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-1 SS-4-VCR-4 SS-4-VCR-2-BL	Swagelok Swagelok Swagelok
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
13		1	junction box	AE1035.500	Rittal
14	2S1	1	selector switch	M22-WRK	Moeller
15		1	legend plate	M22S-ST-X	Moeller
16		1	insert label	M22-XST	Moeller
17		1	fastening adapter	M22-A	Moeller
18		4	tail end	Clipfix35	Phoenix Contact
19	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
22	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
23		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
24	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE20012

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 4HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 4-way, stainless steel, 6mm, pneumatic actuator	SS-43YF2-S31	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
10		2	delimter nozzle 10-20 l/h		
11			stainless female VCR nut, 1/4"	SS-4-VCR-1	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-2-BL	Swagelok
	FI1	1	flowmeter, 25-250 l/h, with needle valve	DK46	Krohne
12		1	junction box	AE1035.500	Rittal
13	2S1	1	selector switch	M22-WRK	Moeller
14		1	legend plate	M22S-ST-X	Moeller
15		1	insert label	M22-XST	Moeller
16		1	fastening adapter	M22-A	Moeller
17		4	tail end	Clipfix35	Phoenix Contact
18	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
19	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
21	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
22		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
23	1A1	1	analyser	K4000	Kontrol Analytik
24	2U7	1	gas purifier	GP-200	Kontrol Analytik

Project-No.: 05/142

[illegible]

Material and part list - QE40012

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 3-way, stainless steel, 6mm, pneumatic actuator	SS-42XS-6MM-51S	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
7	PC1	1	back pressure regulator, 0-50 psig	BP3-1D11D5E114	GO Regulator
8	FI1	1	flowmeter, 25-250 l/h	DK46	Krohne
9		1	delimter nozzle 10-20 l/h	SS-4-VCR-1	Swagelok
			stainless female VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-2-BL	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	SS-6M0-3-4TTF	Swagelok
10		1	stainless female branch tee, 6 mm - 6 mm - 1/4 in. FNPT	SS-42S-6MM	Swagelok
11	V5	1	ball valve, 2-way, stainless steel, 6mm	S-10	WIKA
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	PM09812-022	KNF Neuberger
13	2M7	1	sample pump	AE1035.500	Rittal
14		1	junction box	M22-WRK	Moeller
15	2S1	1	selector switch	M22S-ST-X	Moeller
16		1	legend plate	M22-XST	Moeller
17		1	insert label	M22-A	Moeller
18		1	fastening adapter	Clipfix35	Phoenix Contact
19		4	tail end	ST 2.5	Phoenix Contact
20	X2	23	terminal block, spring-cage connection	ST 2.5-TWIN	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin	ST 2.5-TWIN BU	Phoenix Contact
22	X1	1	terminal block, spring-cage connection, twin, blue	ST 2.5-TWIN-PE	Phoenix Contact
23	X1	1	ground terminal block, spring-cage connection, twin	ST 6 PE	Phoenix Contact
24		1	ground terminal block, spring-cage connection	Xentra4000	Servomex
25	1A2	1	analyser Servomex, 1 channel		

Material and part list - QE20029

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 3-way, stainless steel, 6mm, pneumatic actuator	SS-42XS-6MM-51S	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
7	PC1	1	back pressure regulator, 0-50 psig	BP3-1D11D5E114	GO Regulator
8	FI1	1	flowmeter, 25-250 l/h	DK46	Krohne
9		1	delimiter nozzle 10-20 l/h		
			stainless female VCR nut, 1/4"	SS-4-VCR-1	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-2-BL	Swagelok
10		1	stainless female branch tee, 6 mm - 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
11	V5	1	ball valve, 2-way, stainless steel, 6mm	SS-42S-6MM	Swagelok
12	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
13	2M7	1	sample pump	PM09812-022	KNF Neuberger
14		1	junction box	AE1035.500	Rittal
15	2S1	1	selector switch	M22-WRK	Moeller
16		1	legend plate	M22S-ST-X	Moeller
17		1	insert label	M22-XST	Moeller
18		1	fastening adapter	M22-A	Moeller
19		4	tail end	Clipfix35	Phoenix Contact
20	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
22	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
23	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
24		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
25	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE21004

ASU No. 9 Kosice

Project-No.: 05/142

Pos.	OSC	quantity	material	type	manufacturer
1		1	mounting plate (synthetic material)	600x1300 mm	CGS
2		1	mounting rack for analyser	19", 3HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
6		1	stainless female branch tee, 6 mm - 1/4 in. FNPT	SS-6M0-3-4TTF	Swagelok
7	PT1	1	pressure transmitter, 0-1,0 bar, 1/4" NPT, 4-20 mA	S-10	WIKA
8		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
9		1	delimitter nozzle 10-20 l/h		
			stainless female VCR nut, 1/4"	SS-4-VCR-1	Swagelok
			stainless male VCR nut, 1/4"	SS-4-VCR-4	Swagelok
			stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-2-BL	Swagelok
10		1	junction box	AE1035.500	Rittal
11	2S1	1	selector switch	M22-WRK	Moeller
12		1	legend plate	M22S-ST-X	Moeller
13		1	insert label	M22-XST	Moeller
14		1	fastening adapter	M22-A	Moeller
15		4	tail end	Clipfix35	Phoenix Contact
16	X2	23	terminal block, spring-cage connection	ST 2.5	Phoenix Contact
17	X1	1	terminal block, spring-cage connection, twin	ST 2.5-TWIN	Phoenix Contact
18	X1	1	terminal block, spring-cage connection, twin, blue	ST 2.5-TWIN BU	Phoenix Contact
19	X1	1	ground terminal block, spring-cage connection, twin	ST 2.5-TWIN-PE	Phoenix Contact
20		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
21	1A2	1	analyser Servomex, 1 channel	Xentra4000	Servomex

Material and part list - QE43034**ASU No. 9 Kosice****Project-No.: 05/142**

Pos.	OSC	quantity	material	type	manufacturer
1		2	mounting plate (synthetic material)	600x1300 mm	CGS
2		2	mounting rack for analyser	19", 4HU	CGS
3	V1, V3	2	ball valve, 3-way, stainless steel, 6mm	SS-42XS-6MM	Swagelok
4	V2	1	ball valve, 4-way, stainless steel, 6mm	SS-43YF2	Swagelok
5	V4	1	ball valve, 4-way, stainless steel, 6mm, pneumatic actuator	SS-43YF2-S31	Swagelok
6	MV1	1	solenoid valve, 3-way	81100713-G371/3	Streubel Automation
7		1	solenoid valve block, double	SS3Y1-S41-02-M5-Q	Bertsch Xaver GmbH
8	FF1	1	tee type filter, stainless steel, 6mm tube fitting, 7 Micron	SS-6TF-MM-7	Swagelok
9	PC1	1	back pressure regulator, 0-50 psig	BP3-1D11D5E114	GO Regulator
10		1	quick connect bulkhead body, 6 mm	SS-QC4-B1-6M0	Swagelok
11		2	delimter nozzle 10-20 l/h stainless female VCR nut, 1/4" stainless male VCR nut, 1/4" stainless VCR silver plated blind gasket for 1/4"	SS-4-VCR-1 SS-4-VCR-4 SS-4-VCR-2-BL	Swagelok Swagelok Swagelok
12	FI1	1	flowmeter, 25-250 l/h	DK46	Krohne
13		1	junction box	AE1035.500	Rittal
14	2S1	1	selector switch	M22-WRK	Moeller
15		1	legend plate	M22S-ST-X	Moeller
16		1	insert label	M22-XST	Moeller
17		1	fastening adapter	M22-A	Moeller
18		4	tail end	Clipfix35	Phoenix Contact
19	X2	23	terminal block, spring-cage connection	ST 2,5	Phoenix Contact
20	X1	1	terminal block, spring-cage connection, twin	ST 2,5-TWIN	Phoenix Contact
21	X1	1	terminal block, spring-cage connection, twin, blue	ST 2,5-TWIN BU	Phoenix Contact
22	X1	1	ground terminal block, spring-cage connection, twin	ST 2,5-TWIN-PE	Phoenix Contact
23		1	ground terminal block, spring-cage connection	ST 6 PE	Phoenix Contact
24	1A2	1	analyser	K4000	Kontrol Analytik
		1	FID module	K4000 Slave	Kontrol Analytik
		1	gas purifier	GP-200	Kontrol Analytik

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