

Diaphragm metering pump EcoPro / EcoEvo / EcoAdd

EcoAdd



EcoPro



EcoEvo

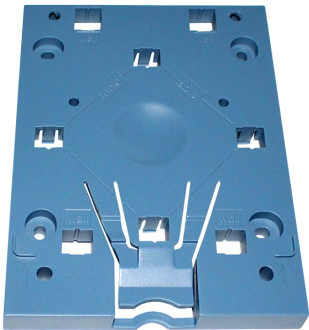
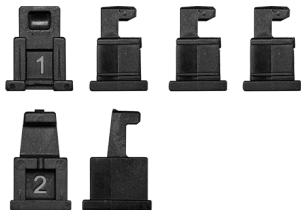


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6 Spare parts

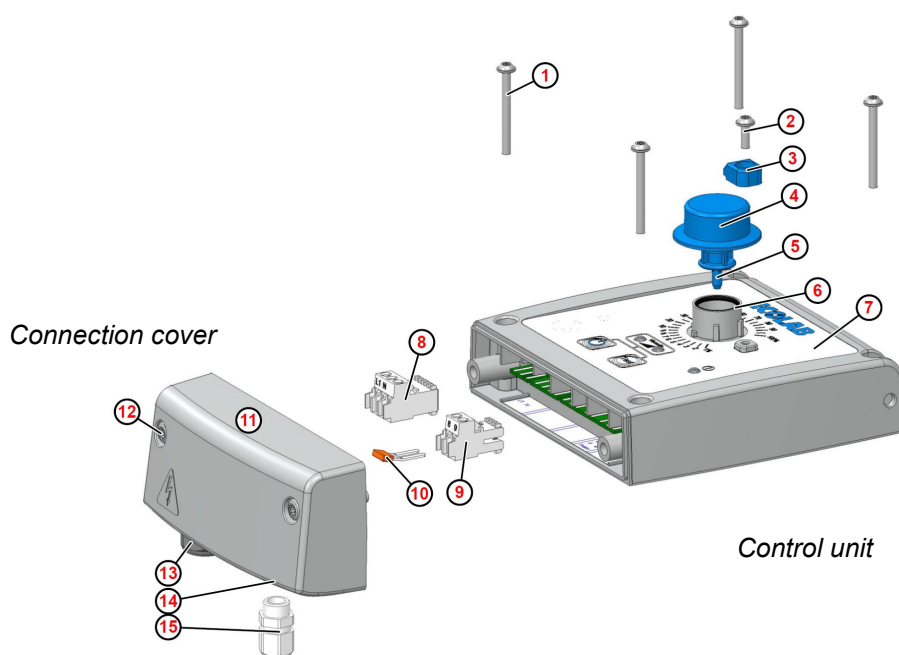
6.1 General spare parts

	Designation	Article no.
	Mounting plate Material: thermoplastic polyester (without fastening elements)	35200103
	Accessories fastening elements consisting of: 4 fastening elements with code 1 (for stand mounting) 2 fastening elements with code 2 (for wall mounting*) * For wall mounting, 2 fastening elements each with codes 1 and 2 are used.	252019
	Replay- ribbon cable Ribbon cable 6-pole, from the motor electronics board to the control unit	35208202

6.2 Control unit

6.2.1 EcoPro control unit

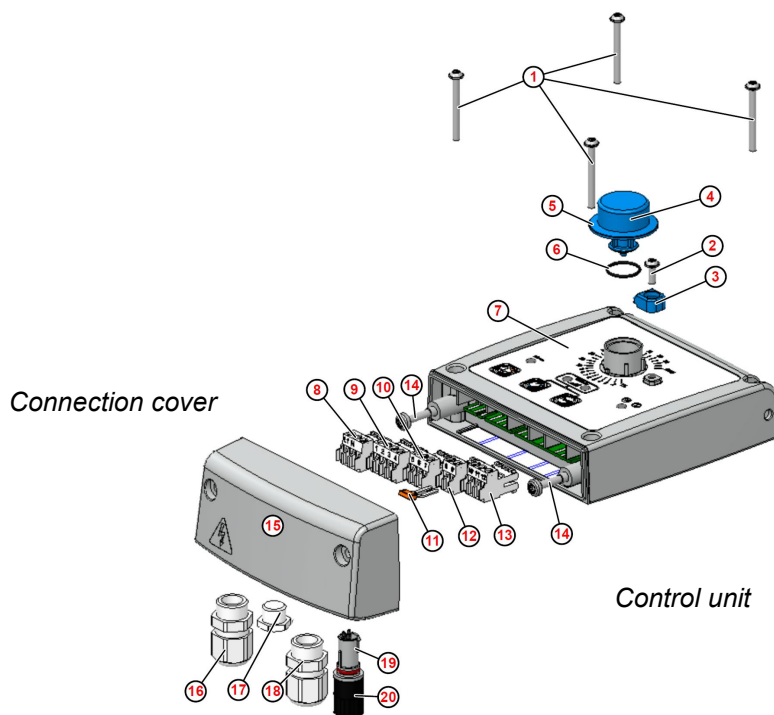
Designation	Article no.
EcoPro control unit, complete, 5 l/h, 11 l/h, 30 l/h	10240740
EcoPro control unit, complete, 50 l/h	252048
EcoPro control unit, complete, 120 l/h	252049



Pos.	Designation	Article no.
	Control unit spare parts:	
1	EJOT DELTA PT screw 35x35 WN5451 V2A (4 x)	413070100
2	EJOT DELTA PT screw 35x10 WN5451 V2A	413070094
3	Clamp for rotary knob	35200155
4	Rotary knob potentiometer	35200152
5	Axis rotary knob	35200153
6	O-ring 15 x 1.5 EPDM	417001135
7	Front sticker	35200156
8	Plug connector 3-pole (mains connection, terminal 1-3)	418461707
9	Plug connector 2-pole (release input, terminal 8-9)	418461701
10	Bridge for coupling relay 2-pole	418461483
	Connection cover spare parts:	
11	Connection cover	35200150
12	EJOT DELTA PT screw 50x30/15 WN5452 V2A (2 x)	413070209
13	Cable union M 16x1,5 PA/GR	10240935
14	Dummy plug M12x1.5	418441033
15	Cable union, threaded, M 12x1.5 PA/GR (in accessories pack)	10240934

6.2.2 EcoEvo control unit

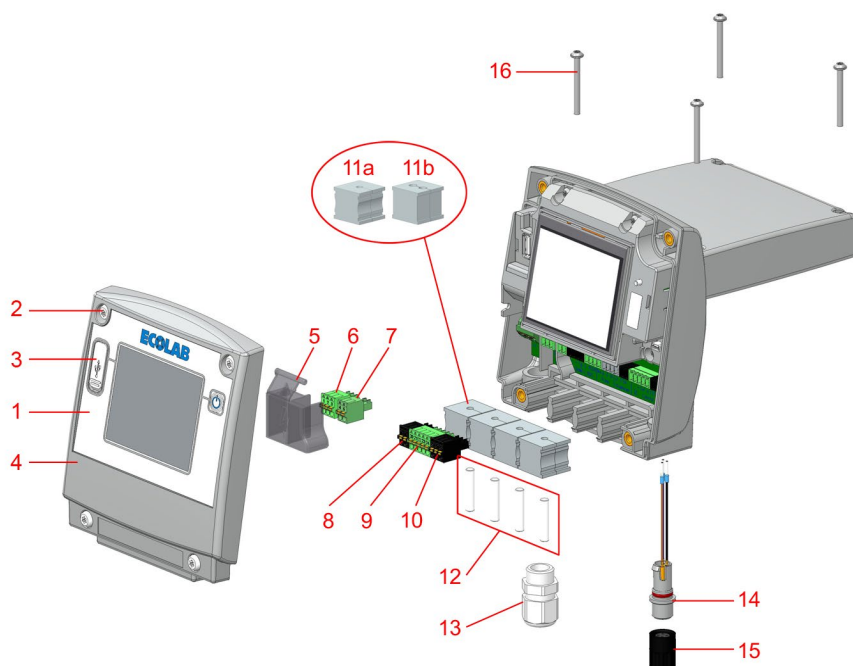
Designation	Article no.
EcoEvo control unit, complete, 5 l/h, 11 l/h, 30 l/h	10240742



Pos.	Designation	Article no.
	Control unit spare parts:	
1	EJOT DELTA PT screw 35x35 WN5451 V2A (4 x)	413070100
2	EJOT DELTA PT screw 35x10 WN5451 V2A	413070094
3	Clamp for rotary knob	35200155
4	Rotary knob potentiometer	35200152
5	Axis rotary knob	10240129
6	O-ring 15 x 1.5 EPDM	417001135
7	Front sticker	35200249
8	Plug connector 3-pole (mains connection)	418461707
9	Plug connector 4-pole, terminal 1-4, dosing quantity and alarm output	418461704
10	Plug connector 3-pole, terminal 5-7, pulse input	418461702
11	Bridge for coupling relay 2-pole	418461483
12	Plug connector 2-pole, terminal 8-9, release input	418461701
13	Plug connector 3-pole, terminal 10-12, level input	418461703
14	EJOT DELTA PT screw 50x30/15 WN5452 V2A (2 x)	413070209
	Connection cover spare parts:	
15	Connection cover	35200150
16	Cable union M 16x1,5 PA/GR	10240935
17	Dummy plug M12x1.5	418441033
18	Cable union, threaded, M 12x1.5 PA/GR (in accessories pack)	10240934
19	Plug socket 3-pole, level input	35200123
20	Dummy plug, empty signal input	248186

6.2.3 EcoAdd control unit

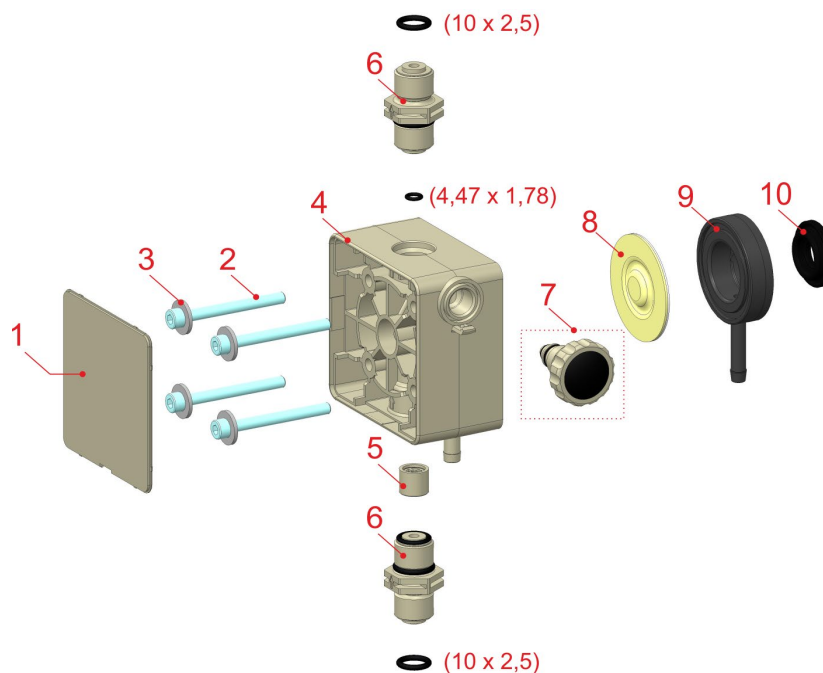
Designation	Article no.
EcoAdd control unit, complete	252030



Pos.	Designation	Article no.
1	Front sticker	35200141
2	Shaft screw, M 5x20 (4 x)	413123501
3	USB plug	35200125
4	Display cover with seal	35200127
5	Voltage cover (cover power)	35200130
6	Plug in terminal 3-pole, green (alarm output, terminal 1-3)	418461692
7	Plug in terminal 2-pole, green (stroke signal output, terminal 4-5)	418461690
8	Plug in terminal 2-pole, black (standard signal input, terminal 18-19)	418461691
9	Plug in terminal 5-pole, green (control input, terminal 20-24)	418461697
10	Plug in terminal 3-pole, black (level input, terminal 25-27)	418461693
11a	Cable sleeve KT5 Ø5 grey, for one cable (standard) (4 x)	417028631
11b	Cable sleeve KT2/5 2xØ5 grey, for two cables (4 x)	417028632
12	Plug for cable sleeves ST5 Ø 5 mm, white (4 x)	417028641
13	Cable union M 16x1,5 PA/GR	418441002
14	Plug socket 3-pole, level input	35200123
15	Dummy connector, empty signal input	248186
16	EJOT DELTA PT screw 35x35 WN5451 V2A (4 x)	413070100

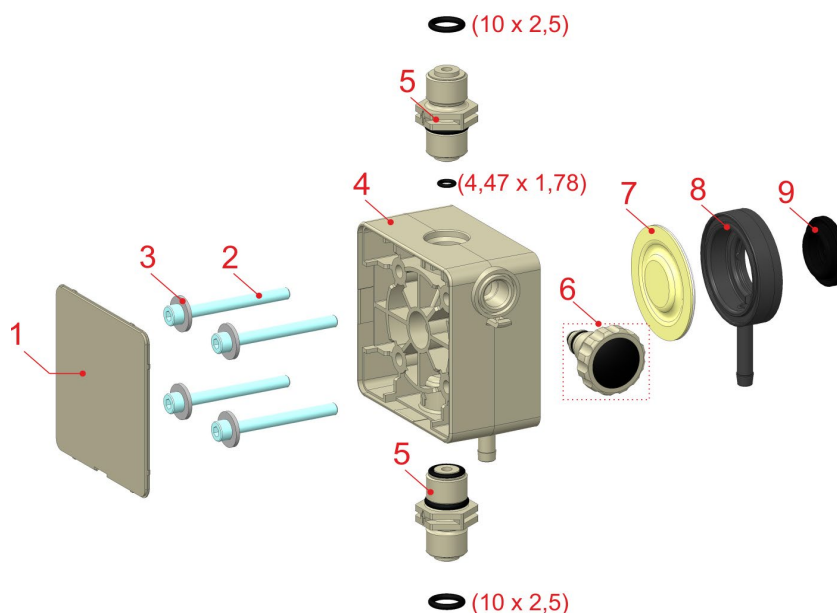
6.3 Pump heads

6.3.1 Pump head 5 l/h



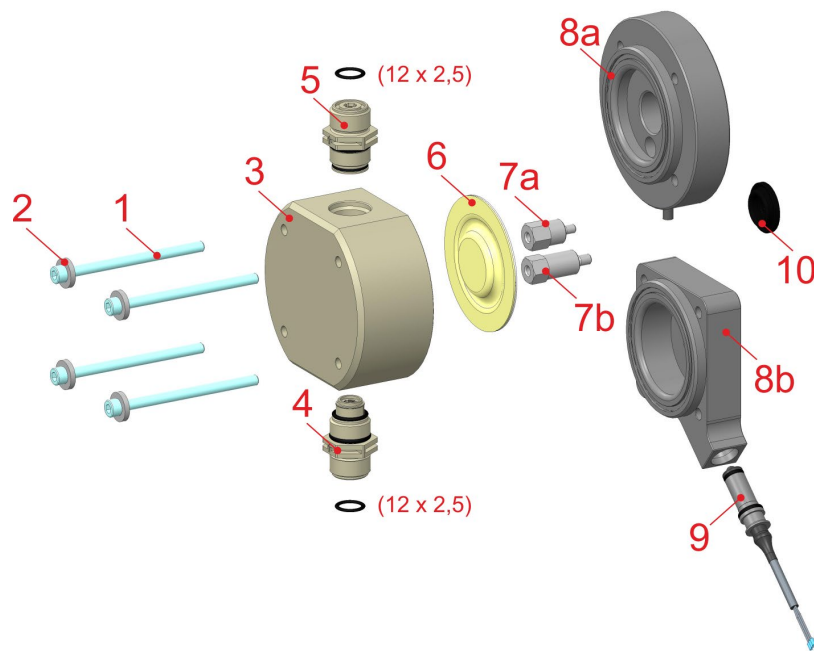
Pos.	Designation	Article no.
1	Cover plate, PP, pebble grey	35200180
	Cover plate, PVDF, nature	35200181
2	Hexagon socket screw, M 5x50, DIN 912, V2A (4 x)	413031127
3	Washer, 5.3 x 15 1.6, DIN 9021, V2A (4 x)	413501720
4	Pump head, 5 l/h, PP	35200107
	Pump head, 5 l/h, PVDF	35200108
5	Suction valve cartridge, V3 PFC	252014
	Suction valve cartridge, V3 PEC	252015
	Suction valve cartridge, V3 DFC	252016
	Suction valve cartridge, V3 DEC	252017
6	Suction/pressure valve, PFC-000 G3/8-G3/8-99 (2 x)	252010
	Suction/pressure valve, PEC-000 G3/8-G3/8-99 (2 x)	252011
	Suction/pressure valve, DFC-000 G3/8-G3/8-99 (2 x)	252012
	Suction/pressure valve, DEC-000 G3/8-G3/8-99 (2 x)	252013
7	Vent screw, PP/FKM	252035
	Vent screw, PP/EPDM	252034
	Vent screw, PVDF/FKM	252037
	Vent screw, PVDF/EPDM	252036
8	Diaphragm	35200109
9	Intermediate plate	35200110
10	Protective diaphragm	35200137

6.3.2 Pump head 11 l/h



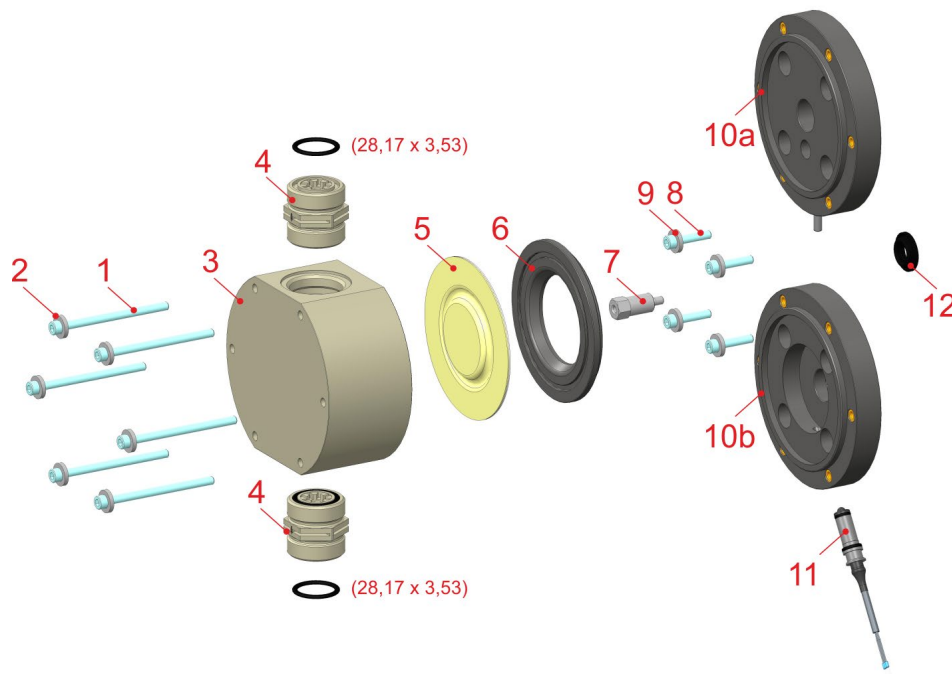
Pos.	Designation	Article no.
1	Cover plate, PP, pebble grey	35200180
	Cover plate, PVDF, nature	35200181
2	Hexagon socket screw, M 5x50, DIN 912, V2A (4 x)	413031127
3	Washer, 5.3 x 15 1.6, DIN 9021, V2A (4 x)	413501720
4	Pump head, 11 l/h, PP	35200112
	Pump head, 11 l/h, PVDF	35200113
5	Suction/pressure valve, PFC-000 G3/8-G3/8-99 (2 x)	252010
	Suction/pressure valve, PEC-000 G3/8-G3/8-99 (2 x)	252011
	Suction/pressure valve, DFC-000 G3/8-G3/8-99 (2 x)	252012
	Suction/pressure valve, DEC-000 G3/8-G3/8-99 (2 x)	252013
6	Vent screw, PP/FKM	252035
	Vent screw, PP/EPDM	252034
	Vent screw, PVDF/FKM	252037
	Vent screw, PVDF/EPDM	252036
7	Diaphragm	35200114
8	Intermediate plate	35200115
9	Protective diaphragm	35200137

6.3.3 Pump head 30/50 l/h



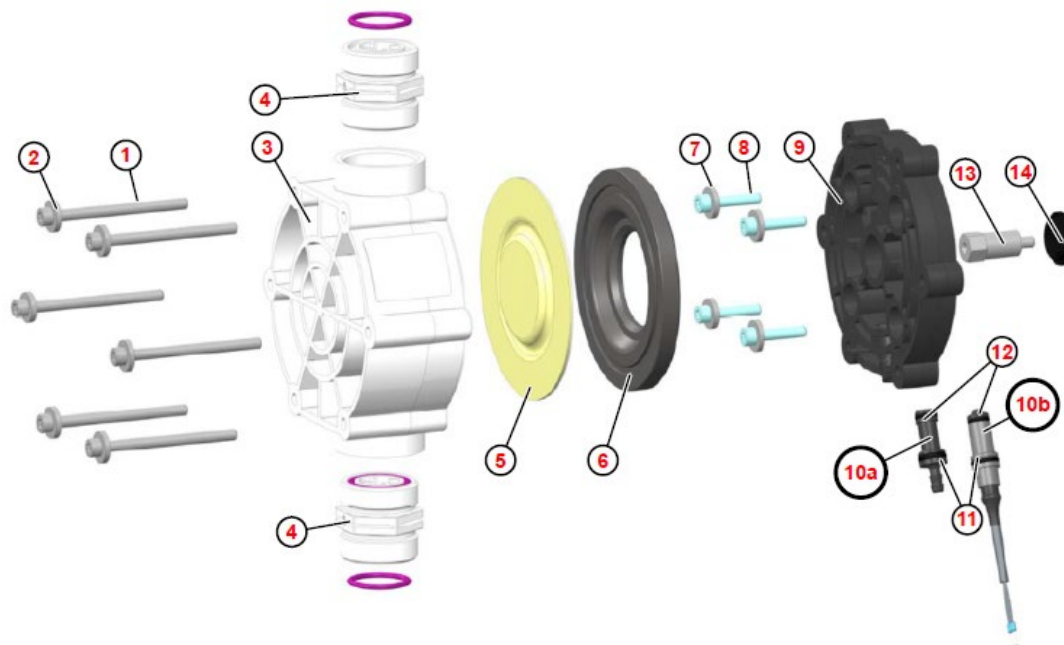
Pos.	Designation	Article no.
1	Hexagon socket screw, M 6 x 90, DIN 912, V2A (4 x)	413031148
2	Washer, 17 x 6.4 x 3 DIN 7349 V2A (4 x)	413501304
3	Pump head, 30/50 l/h, PP	35200116
	Pump head, 30/50 l/h, PVDF	35200117
4	Suction valve, PFC-000 G5/8-G5/8-99	252024
	Suction valve, PEC-000 G5/8-G5/8-99	252025
	Suction valve, DFC-000 G5/8-G5/8-99	252026
	Suction valve, DEC-000 G5/8-G5/8-99	252027
5	Pressure valve, PFC-000 G5/8-G5/8-99	252020
	Pressure valve, PEC-000 G5/8-G5/8-99	252021
	Pressure valve, DFC-000 G5/8-G5/8-99	252022
	Pressure valve, DEC-000 G5/8-G5/8-99	252023
6	Diaphragm	35200120
7a	Diaphragm extension, 30 l/h	35200121
7b	Diaphragm extension, 50 l/h	35200148
8a	Intermediate plate	35200118
8b	Intermediate plate with sensor support	35200119
9	Diaphragm rupture sensor, complete	252081
10	Protective diaphragm	35200137

6.3.4 Pump head 120 l/h, PP



Pos.	Designation		Article no.
1	Hexagon socket screw, M 6 x 90, DIN 912, V2A	(6 x)	413031149
2	Washer, 17 x 6.4 x 3 DIN 7349 V2A	(6 x)	413501304
3	Pump head, 120 l/h, PP		35200142
4	Suction/pressure valve, PFC-000 G11/4-G11/4-99	(2 x)	249075
	Suction/pressure valve, PEC-000 G11/4-G11/4-99	(2 x)	249055
5	Diaphragm		35200144
6	Intermediate plate		35200147
7	Diaphragm extension, 120 l/h		35200148
8	Hexagon socket screw, M 6 x 30, DIN 912, V2A	(4 x)	413031140
9	Washer, 17 x 6.4 x 3 DIN 7349 V2A	(4 x)	413501304
10a	Adapter plate		35200145
10b	Adapter plate with sensor support		35200146
11	Diaphragm rupture sensor, complete		252081
12	Protective diaphragm		35200137

6.3.5 Pump head 120 l/h, PVDF



Pos.	Designation		Article no.
1	Hexagon socket screw, M 6 x 90, DIN 912, V2A	(6 x)	413031149
2	Washer, 17 x 6.4 x 3 DIN 7349 V2A	(6 x)	413501304
3	Pump head, 120 l/h, PVDF		35200143
4	Suction/pressure valve, DFC-000 G11/4-G11/4-99	(2 x)	252028
	Suction/pressure valve, DEC-000 G11/4-G11/4-99	(2 x)	252029
5	Diaphragm		35200144
6	Intermediate plate		35200252
7	Washer, 17 x 6.4 x 3 DIN 7349 V2A	(4 x)	413501304
8	Hexagon socket screw, M 6 x 30, DIN 912, V2A	(4 x)	413031140
9	Adapter plate PPO		35200253
10a	Drainage nozzle 30/50/120 l/h		35200254
10b	Diaphragm rupture sensor		252081
11	O-ring, 10 x 2 70 EPDM 291		417001078
12	O-ring, 9 x 1.5 70 EPDM		417001062
13	Diaphragm extension, 120 l/h		35200148
14	Protective diaphragm		35200137

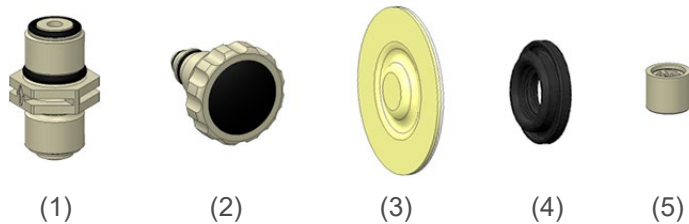
6.4 Wearing parts

6.4.1 Wearing part kit 5 l/h and 11 l/h

Wearing part kit

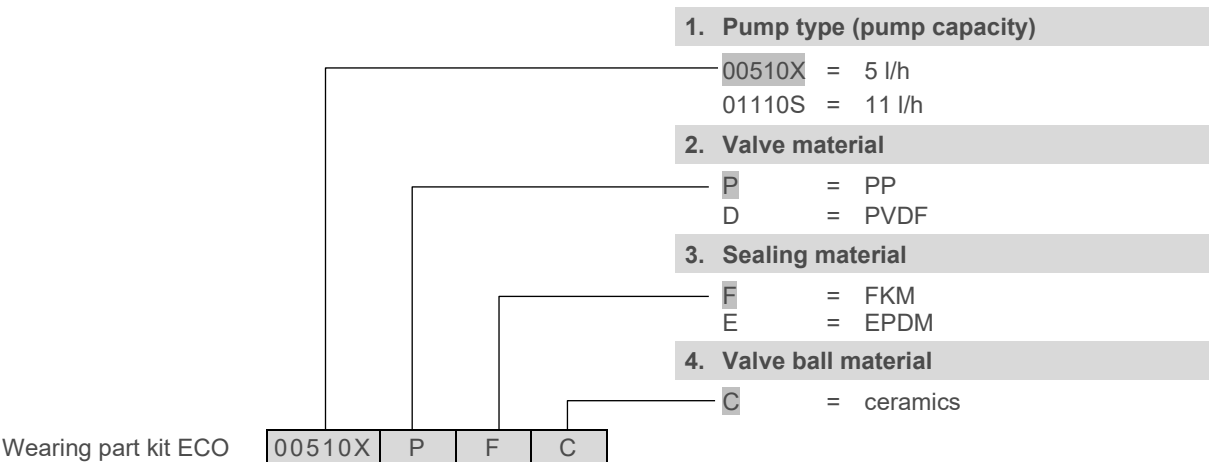
consisting of:

- 2 suction/pressure valves (1)
- 1 vent screw (2)
- 1 diaphragm (3)
- 1 protective diaphragm (4)
- 1 valve cartridge (5), only for 5 l/h



Article	Code	Article no.
Wearing part kit	ECO 00510X PFC	252121
	ECO 00510X PEC	252122
	ECO 00510X DFC	252123
	ECO 00510X DEC	252124
	ECO 01110S PFC	252125
	ECO 01110S PEC	252126
	ECO 01110S DFC	252127
	ECO 01110S DEC	252128

Article code

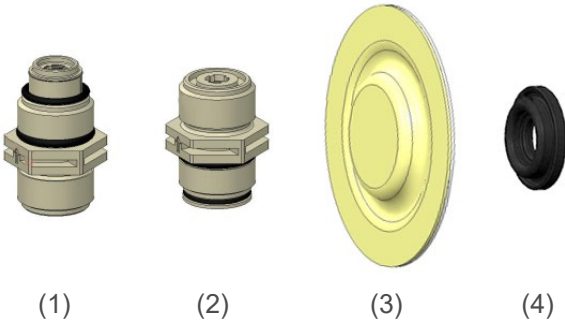


6.4.2 Wearing part kit 30/50 l/h and 120 l/h

Wearing part kit

consisting of:

- 1 suction valve (1)
- 1 pressure valve (2)
- 1 diaphragm (3)
- 1 protective diaphragm (4)



Article	Code	Article no.
Wearing part kit	ECO 03003S/05010M PFC	252129
	ECO 03003S/05010M PEC	252130
	ECO 03003S/05010M DFC	252131
	ECO 03003S/05010M DEC	252132
	ECO 12003M PFC	252133
	ECO 12003M PEC	252134
	ECO 12003M DFC	252135
	ECO 12003M DEC	252136

Article code

