

# Lely Astronaut

## Central Unit

## Dosing Unit



## Parts list

5.1005.8563.0 C

English Original





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# Preface

## Applicability

Type number:	As from serial number:
5.1004.0602-2XX	0003242507
5.1005.2XXX-XXX	0003242507

## Spare Parts

When ordering spare parts it is important that you are aware of the type and serial number of your machine. Use only genuine LELY parts.

## Criticality

Criticality = Bulk, 0, 1, 2

- Bulk = Bulk item.
- 0 = Not critical.
- 1 = Not very critical.
- 2 = Critical.

## Explanation of Signs Used in the Parts List

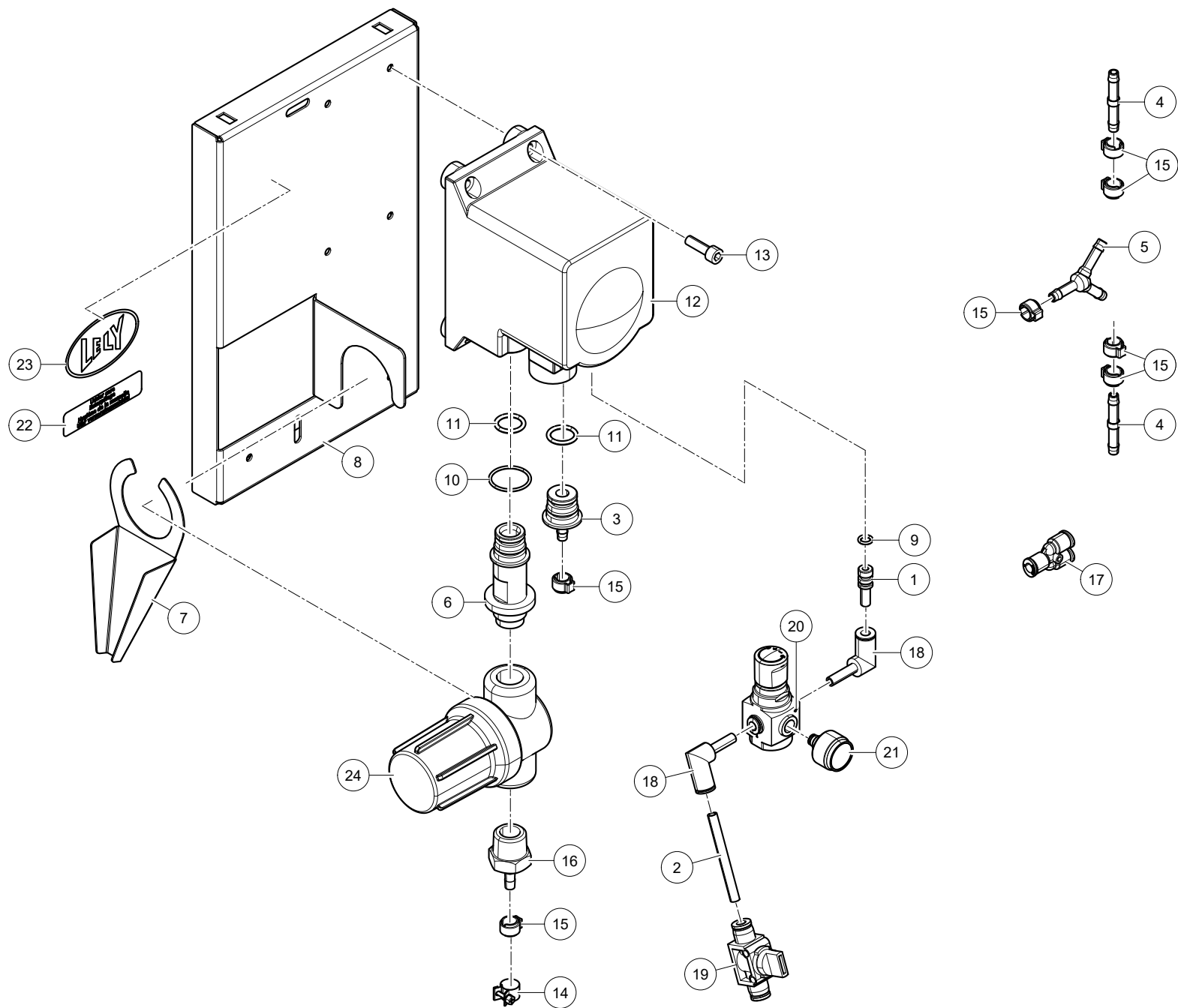
[R] / [RH]	By RH or LH version the position of the part is meant, seen from the rear of the machine.
[L] / [LH]	
[~]	E.g.: LH version is not similar to the RH version, which is actually shown.
[#]	Not available separately.

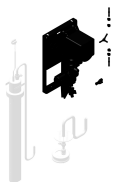


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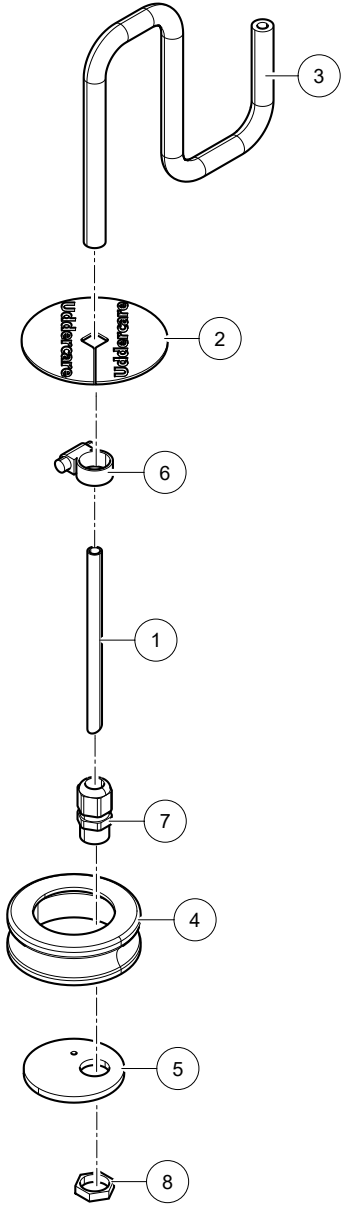




Astronaut A5

Dosing Unit  
Dosing Unit5.1004.0602-2XX  
5.1005.2XXX-XXX0003242507  
0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1003.0858.0	1	Connector			
2	9.1138.0064.5	1	Tube	BLAUW PA 6mm L=60		
3	5.1004.1768.0	1	Red. nipple	FLOJET G573215A IN/OUT		
4	5.1004.1802.0	2	Hose swivel			
5	5.1004.1805.0	1	Y-piece			
6	5.1004.2983.0	1	Red. nipple			
7	5.1004.2999.0	1	Funnel	for filter cleaning		
8	5.1004.5087.0	1	Plate			
9	9.1043.0088.3	1	O-ring	6.07x1.78 NBR70		
10	9.1043.0158.3	1	O-ring	23.52x1.78 Viton		
11	9.1043.0209.0	2	O-ring	15x2.5 Viton		
12	9.1047.0002.6	1	Diaphragm pump	Pump APU Vit 1/2HB Brass air		
13	9.1057.0092.0	4	S.h. bolt	M6x20 DIN912-A2 s/s		
14	9.1066.0054.2	1	Hose clamp	ø10.5-ø12.0		
15	9.1066.0078.0	7	Hose clamp	7.5-8.5mm AISI304,		
16	9.1130.0037.5	1	Tailpiece	1VH 6 s/s 1/2" out		
17	9.1138.0099.5	1	Plug-in coupling	6-6-6mm (Y)		
18	9.1138.0278.1	2	Plug-in coupling	6x6 (└┐)		
19	9.1138.0399.0	1	Valve			
20	9.1138.1309.0	1	Regulator			
21	9.1138.1312.0	1	Indicator			
22	9.1170.0647.1	1	Decal			
23	9.1170.0889.5	1	Decal	Lely logo 65mm		
24	9.1185.0018.1	1	Liquid filter	AAB122		



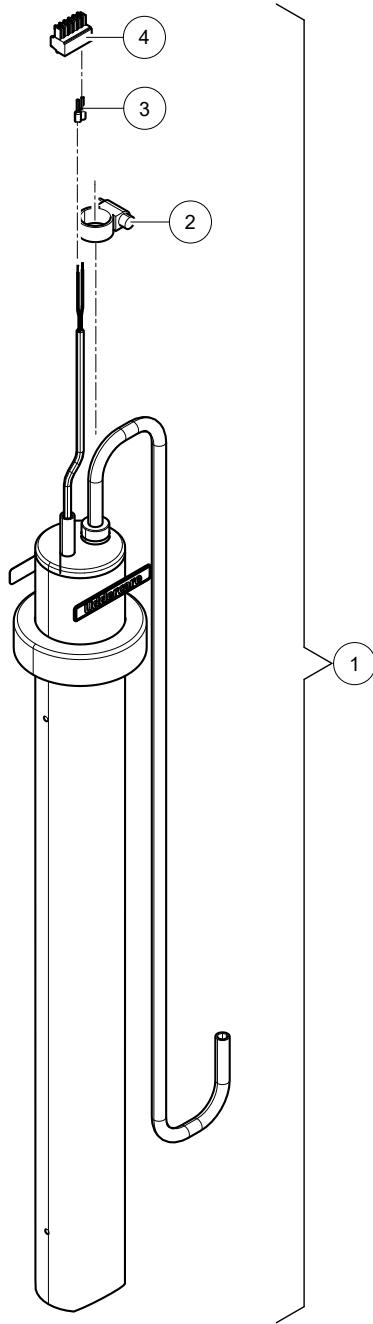


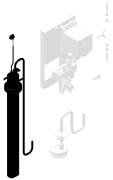


Astronaut A5  
Dosing Unit 5.1004.0602-2XX 0003242507  
Dosing Unit 5.1005.2XXX-XXX 0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1002.6791.0	1	Suction tube	L=60mm		
2	5.1003.0598.0	1	Warning sign	Uddercare		
3	9.1065.0061.3	1	Hose	MULTIBAR INW 6 x WD 3 L=2400mm		
4	5.1003.1305.0	1	Locking cap			
5	5.1003.1377.0	1	Disc			
6	9.1066.0018.1	1	Hose clamp	Ø8-Ø16 s/s		
7	9.1186.0246.4	1	Cable gland			
8	9.1186.0247.5	1	Cable gland nut			







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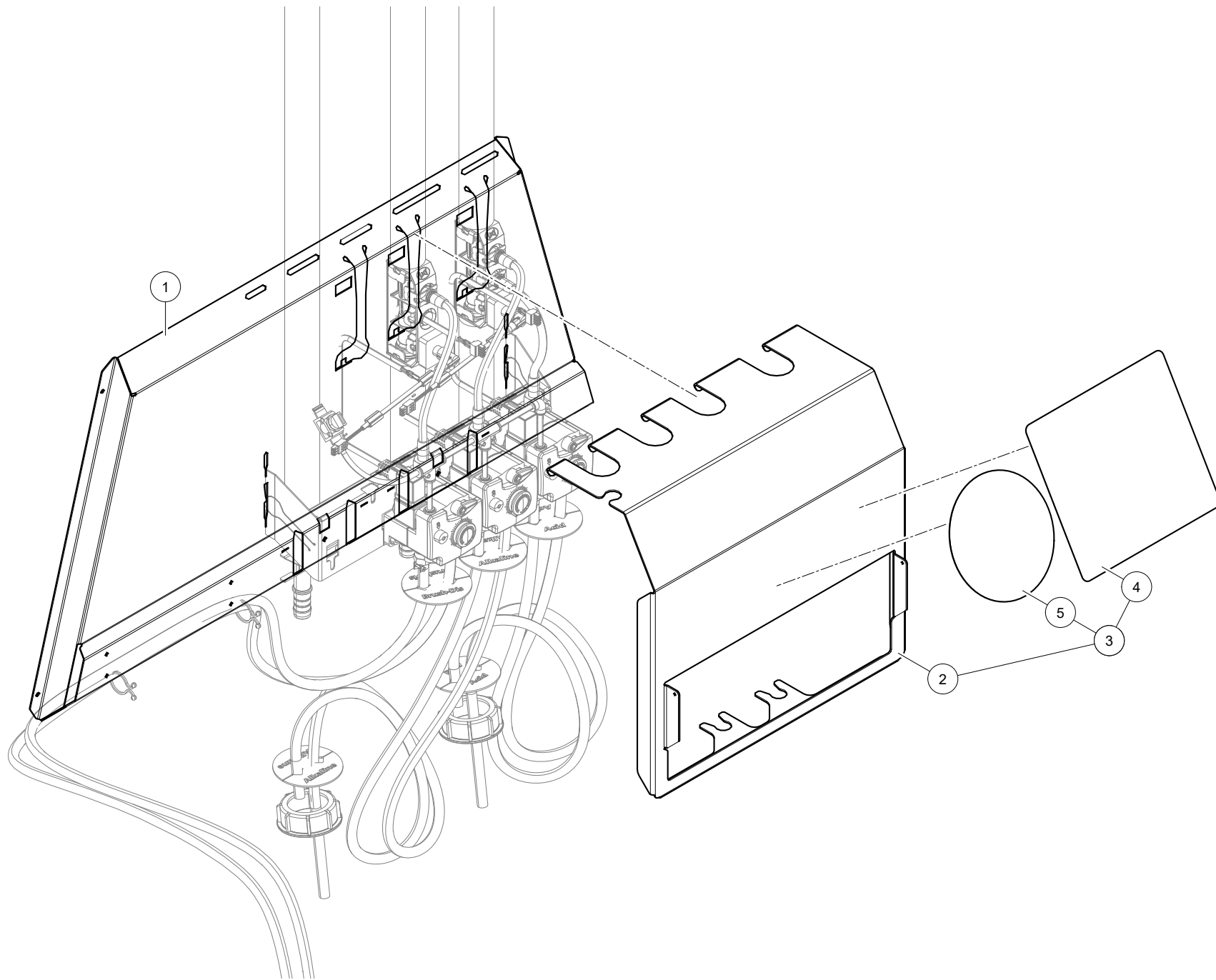
Dosing Unit  
Dosing Unit

5.1004.0602-2XX  
5.1005.2XXX-XXX

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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1003.7700.0	1	Suction tube			
2	9.1066.0018.1	1	Hose clamp	Ø8-Ø16 s/s		
3	9.1186.0187.1	2	Cable core	0.5mm2		
4	9.1186.0578.0	1	Connector	MC 1.5/6-ST3.5		







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Dosing Unit

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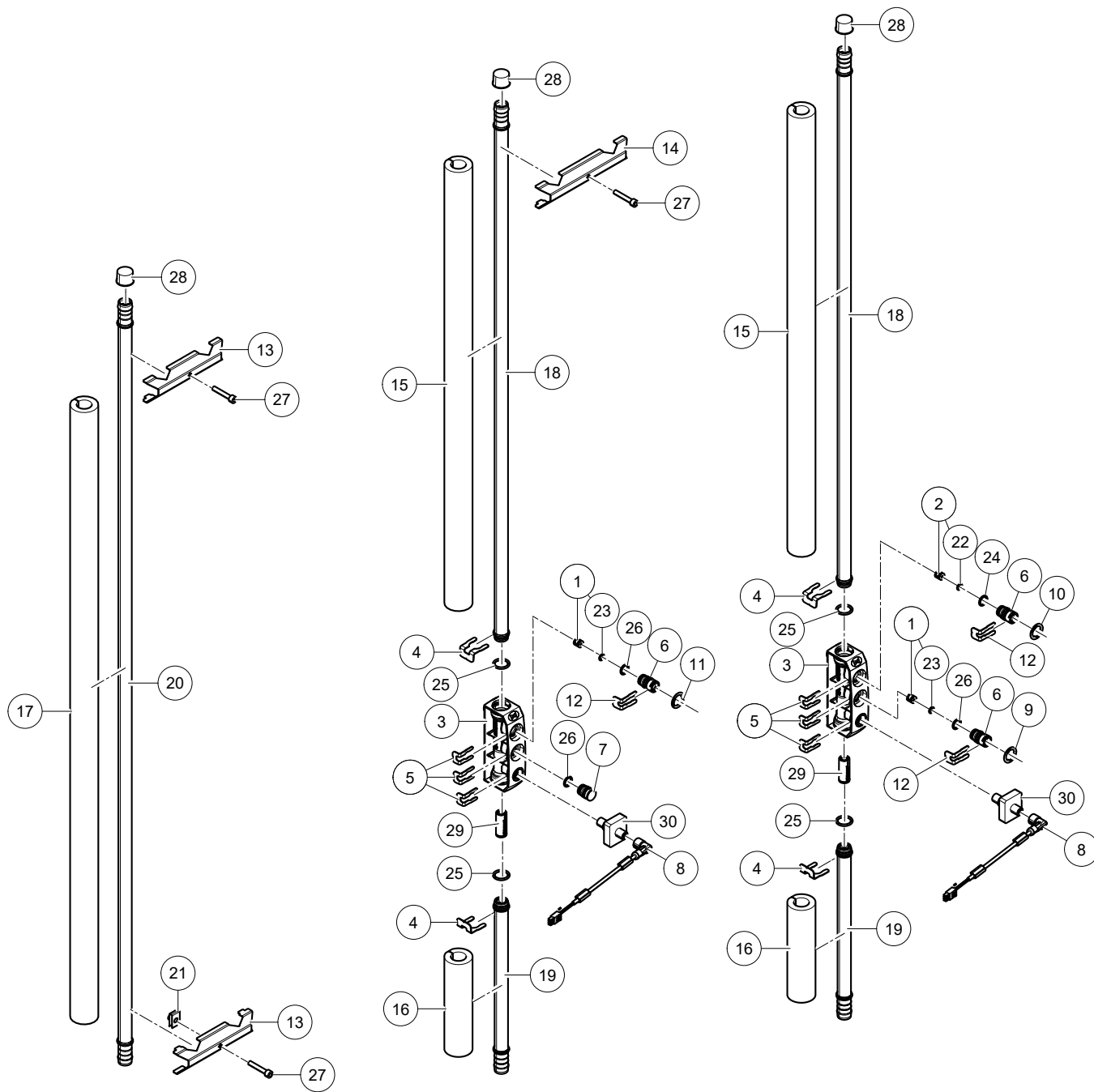
Dosing Unit

5.1005.2XXX-XXX

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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	#####	1	Not separately			
2	#####	1	Not separately			
3	5.1005.2844.0	1	Shield ass.			
4	9.1170.0910.0	1	Decal	"Pump priming"		
5	9.1170.0932.0	1	Decal	"Use safety glasses"		



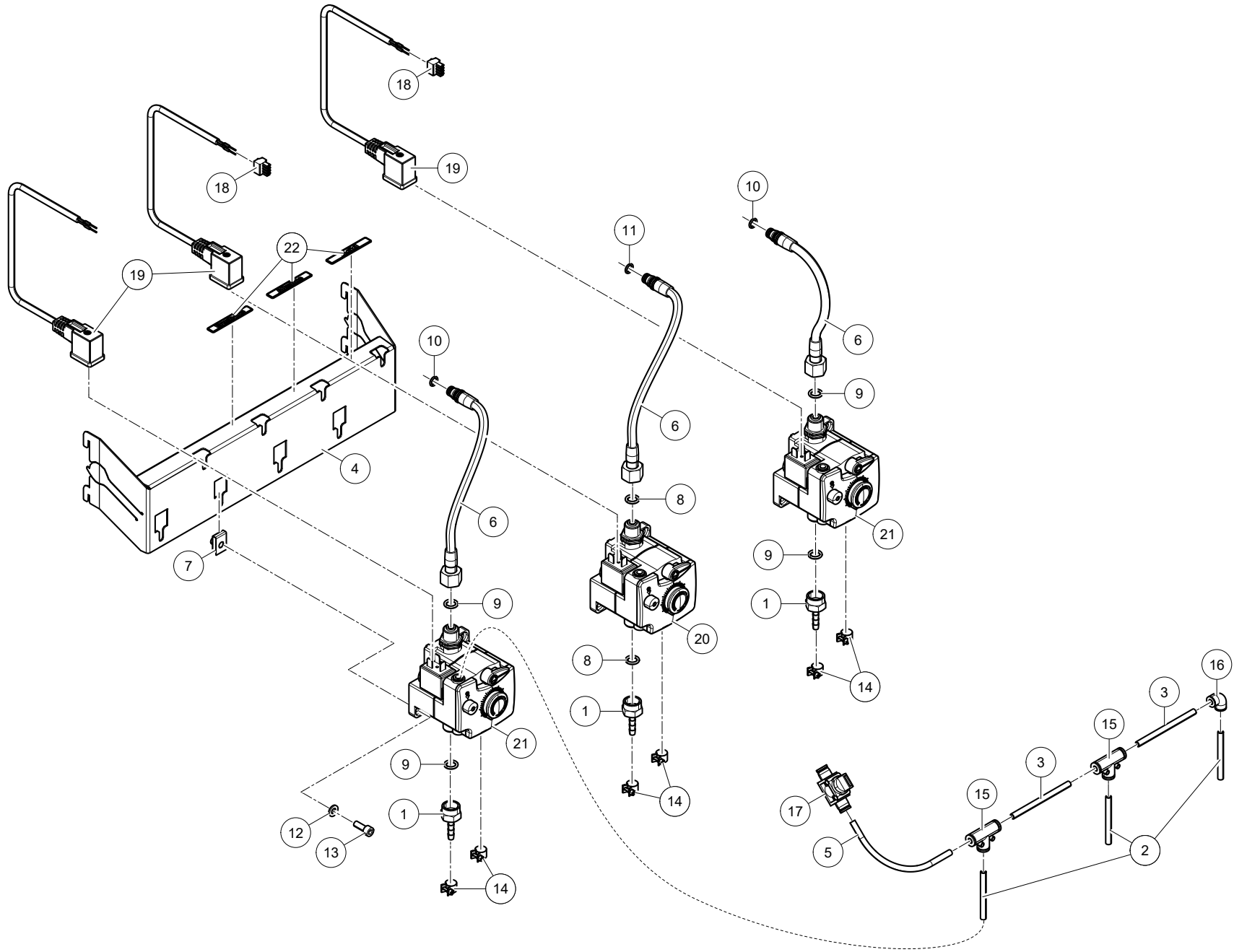




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Dosing Unit  
Dosing Unit5.1004.0602-2XX  
5.1005.2XXX-XXX0003242507  
0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.3036.0	2	Valve			
2	5.1004.3043.0	1	Valve			
3	5.1004.6371.0	2	Manifold	mixing chemicals		
4	5.1004.6372.0	4	Clip	19mm		
5	5.1004.6373.0	6	Clip	12mm		
6	#####	1	Not separately			
7	5.1004.6376.0	1	Plug			
8	5.1004.6383.0	2	Cable			
9	5.1004.6386.0	1	Label	Acid		
10	5.1004.6387.0	1	Label	Alkaline		
11	5.1004.6388.0	1	Label	Brush Dis		
12	5.1004.6404.0	3	Clip	9mm		
13	#####	2	Not separately			
14	#####	2	Not separately			
15	9.1185.0212.0	2	Isolation	Climaflex XT 22mm ID x 9		
16	9.1185.0212.0	2	Isolation	Climaflex XT 22mm ID x 9		
17	9.1185.0212.0	1	Isolation	Climaflex XT 22mm ID x 9		
18	5.1005.3442.0	2	Tube	FLOWMIXTUBE TOP		
19	5.1005.3443.0	2	Tube	FLOWMIXTUBE BOTTOM		
20	5.1005.3444.0	1	Tube	FLOWMIXTUBE STRAIGHT		
21	9.1036.0039.3	2	Speed nut	M6 s/s		
22	9.1043.0150.2	1	O-ring	7x 1.5 EPDM		
23	#####	2	Not separately			
24	#####	1	Not separately			
25	9.1043.0270.0	4	O-ring	18.72x2.62 VITON 75° SHORE A		
26	9.1043.0271.0	3	O-ring	12x2 VITON 75° SHORE A		
27	9.1057.0103.4	4	S.h. bolt	M6x35 DIN912-A2 s/s		
28	9.1108.0035.5	3	Locking cap			
29	9.1183.0077.0	2	Flow sensor	Turbine VTY 10-31		
30	9.1183.0078.0	2	Sensor	(Sika VT3493)		







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Dosing Unit

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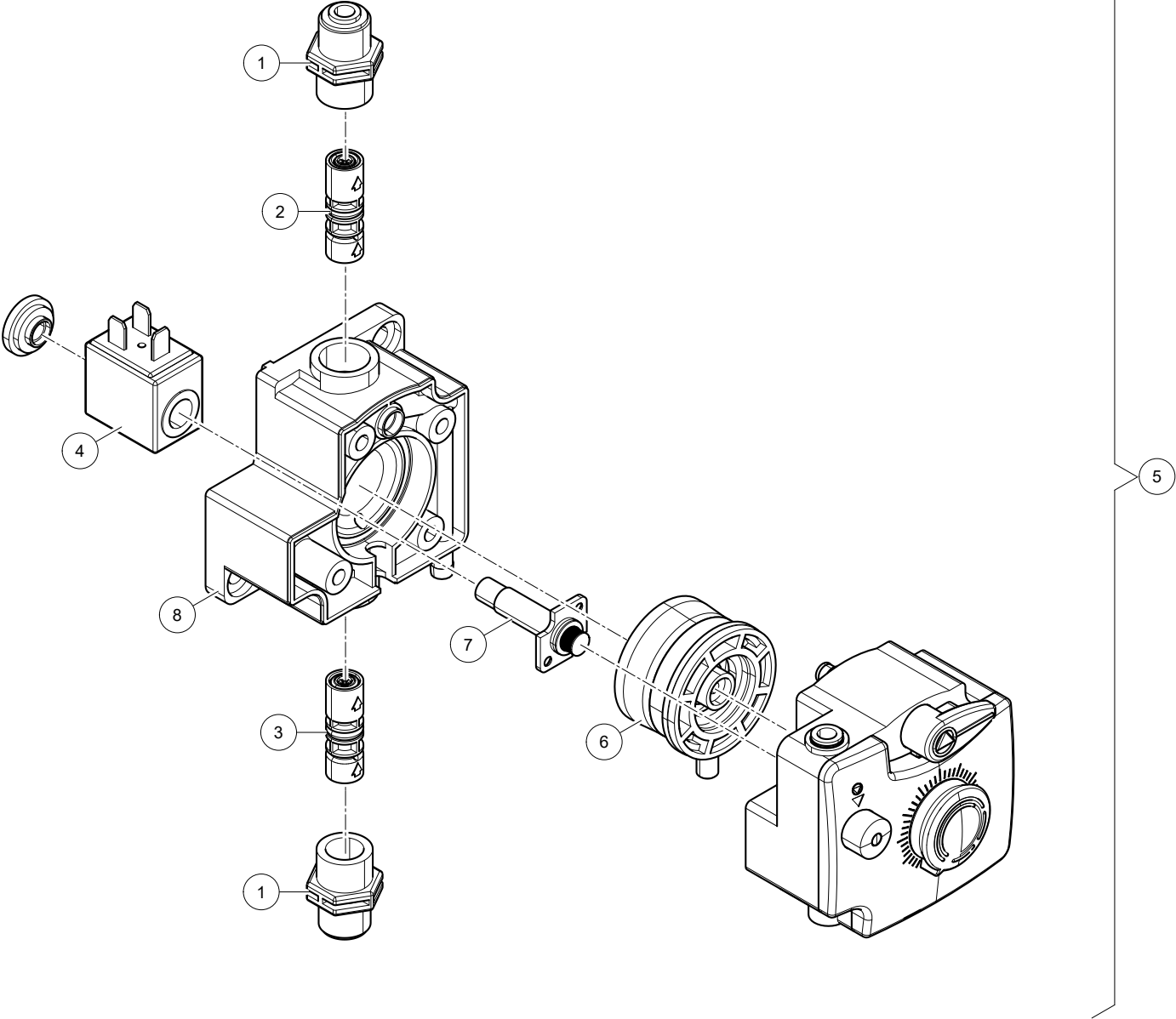
Dosing Unit

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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.1378.0	3	Tailpiece			
2	9.1138.0064.5	3	Tube	BLAUW PA 6mm L=60		
3	9.1138.0064.5	2	Tube	BLUE PA 6mm L=85mm		
4	#####	1	Not separately			
5	9.1138.0064.5	1	Tube	PUN-H 6MM BLUE L=140MM		
6	5.1005.5229.0	3	Hose			
7	9.1036.0039.3	6	Speed nut	M6 s/s		
8	9.1043.0126.6	2	O-ring	10x2.5 EPDM		
9	9.1043.0127.0	4	O-ring	10x2.5 Viton		
10	9.1043.0188.0	2	O-ring	7.65x1.78 Viton		
11	9.1043.0189.0	1	O-ring	7.65x1.78 EPDM		
12	9.1048.0090.0	6	Washer	A6.4 DIN125-A2 s/s		
13	9.1057.0060.3	6	S.h. bolt	M6x16 DIN912-A2 s/s		
14	9.1066.0054.2	6	Hose clamp	ø10.5-ø12.0		
15	9.1138.0053.1	2	Plug-in coupling	6-6-6mm (T)		
16	9.1138.0098.4	1	Plug-in coupling	6-6mm (L)		
17	9.1138.0399.0	1	Valve			
18	9.1186.0570.0	2	Connector	MC 1.5/4-ST3.5		
19	9.1186.0788.0	3	Valve connector			
20	9.1189.0103.5	1	Pump	Alkaline (24V 12 ltr/h)		(see page 18)
21	9.1189.0111.6	2	Pump	Acid/Brush-Dis/Sanitizer (24V 12ltr/h)		(see page 20)
22	5.1004.5289.0	1	Decal (kit)			

90 = 2 + 3





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Dosing Unit  
Dosing Unit

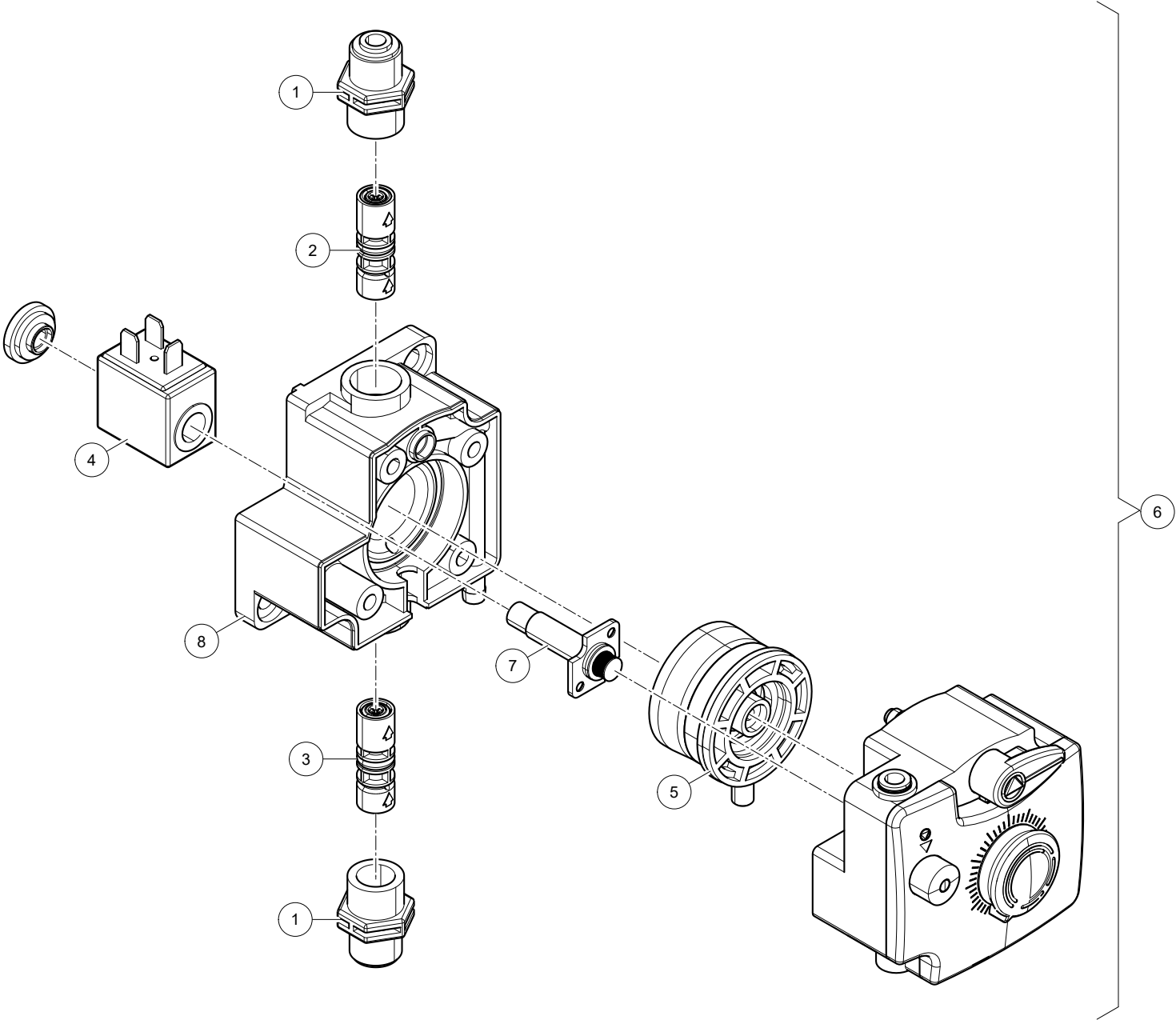
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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.6039.0	2	Nipple	PART OF ECOLAB VALVE		
2	#####	1	Not separately			
3	#####	1	Not separately			
4	9.1138.1046.0	1	Solenoid			
5	9.1189.0103.5	1	Pump	Alkaline (24V 12 ltr/h)		
6	9.1189.0104.6	1	Diaphragm cartridge	241015		
7	9.1189.0255.0	1	Kit			
8	9.1189.0268.0	1	Base			
90	5.1004.2946.0	1	Kit valve ecolab EPDM			



90 = 2 + 3





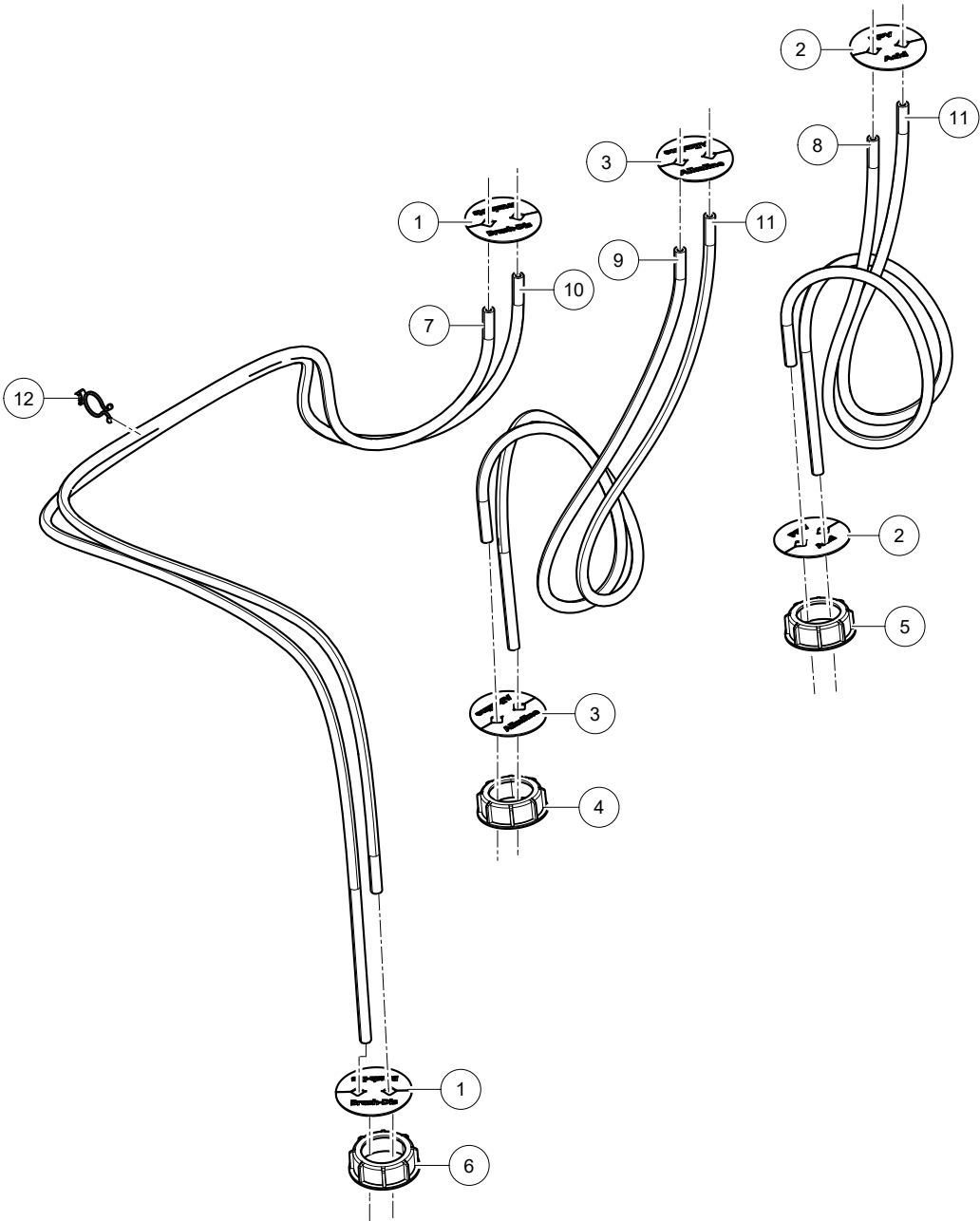
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Dosing Unit5.1004.0602-2XX0003242507

Dosing Unit5.1005.2XXX-XXX0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.6039.0	2	Nipple	PART OF ECOLAB VALVE		
2	#####	1	Not separately			
3	#####	1	Not separately			
4	9.1138.1046.0	1	Solenoid			
5	9.1189.0104.6	1	Diaphragm cartridge	241015		
6	9.1189.0111.6	1	Pump	Acid/Brush-Dis/Sanitizer (24V 12ltr/h)		
7	9.1189.0255.0	1	Kit			
8	9.1189.0268.0	1	Base			
90	5.1004.2947.0	1	Kit valve ecolab			







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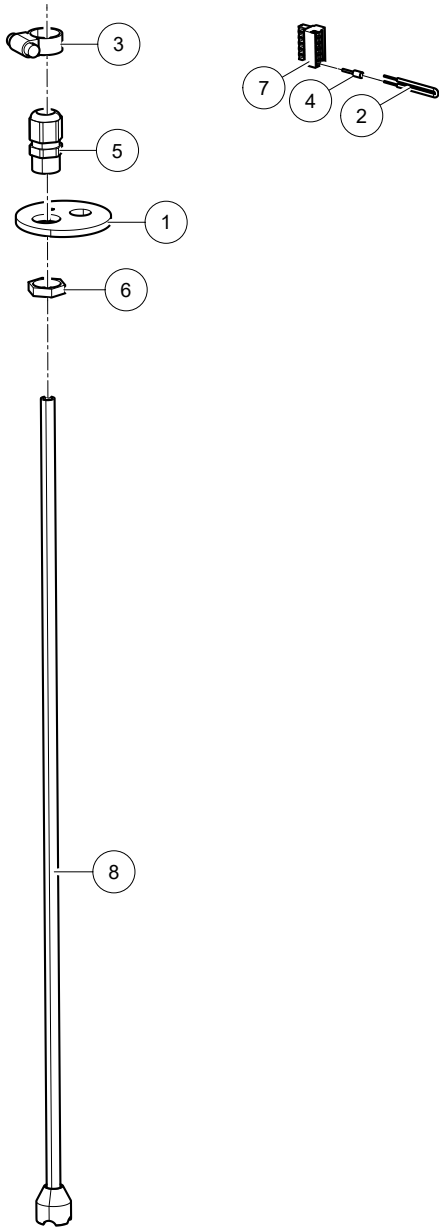
Dosing Unit

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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.1488.0	2	Label	"Brush-Dis"		
2	5.1004.1490.0	2	Label	"Acid"		
3	5.1004.1502.0	2	Label	"Alkaline"		
4	5.1004.6737.0	1	Cap			
5	5.1004.6738.0	1	Cap			
6	5.1004.6739.0	1	Cap			
7	9.1065.0071.6	1	Hose	Multibar green inner 6 x 3 L= 1900		
8	9.1065.0073.1	1	Hose	Multibar red inner 6 x 3 L = 850mm		
9	9.1065.0072.0	1	Hose	Multibar blue inner 6 x 3 L = 850mm		
10	9.1065.0061.3	1	Hose	Multibar transparant inner 6 x 3 L = 2100 mm		
11	9.1065.0061.3	1	Hose	Multibar transparant inner 6 x 3 L = 1050mm		
12	#####	2	Not separately			









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Dosing Unit

Dosing Unit

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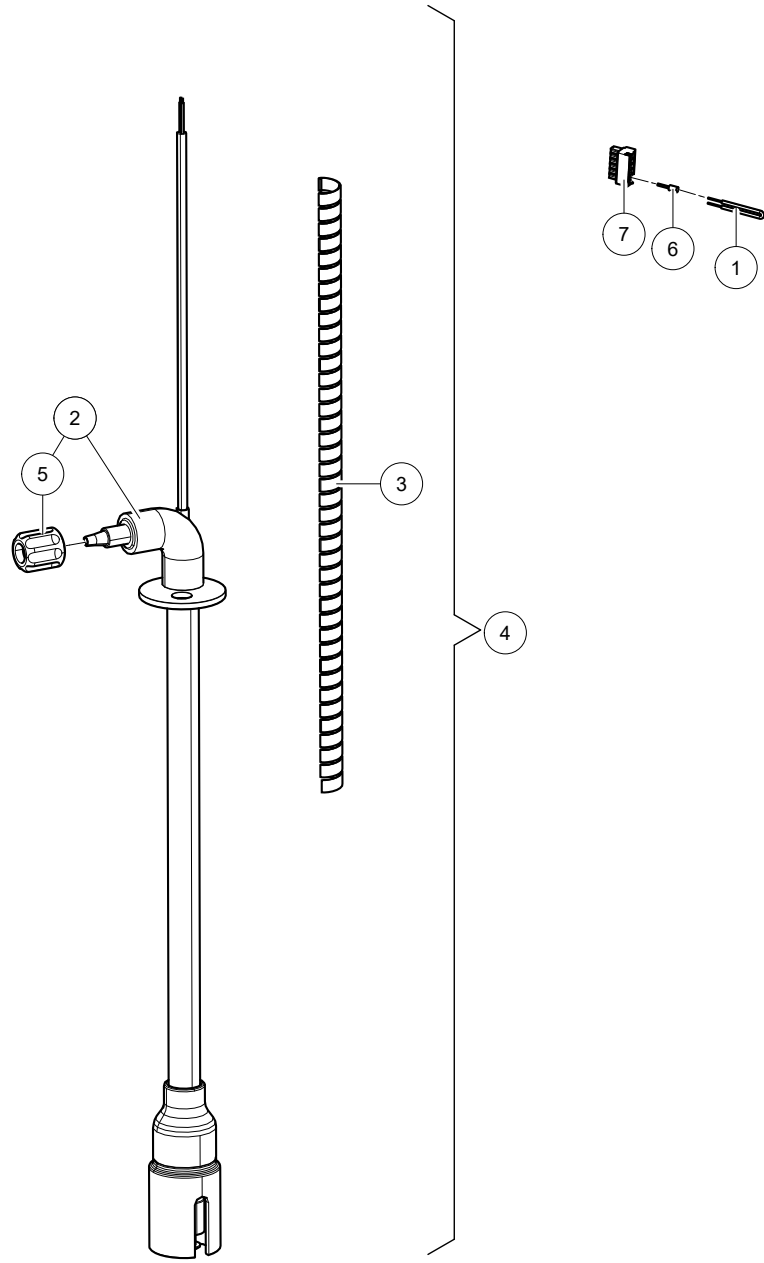
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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.1483.0	3	Disc	Jerrycan		
2	9.1186.0711.0	4	Cable	0.5MM2 BROWN L=80MM		
3	9.1066.0018.1	3	Hose clamp	Ø8-Ø16 s/s		
4	9.1186.0187.1	8	Cable core	0.5mm2		
5	9.1186.0246.4	3	Cable gland			
6	9.1186.0247.5	3	Cable gland nut			
7	9.1186.0578.0	2	Connector	MC 1.5/6-ST3.5		
8	9.1189.0264.0	3	Filter			







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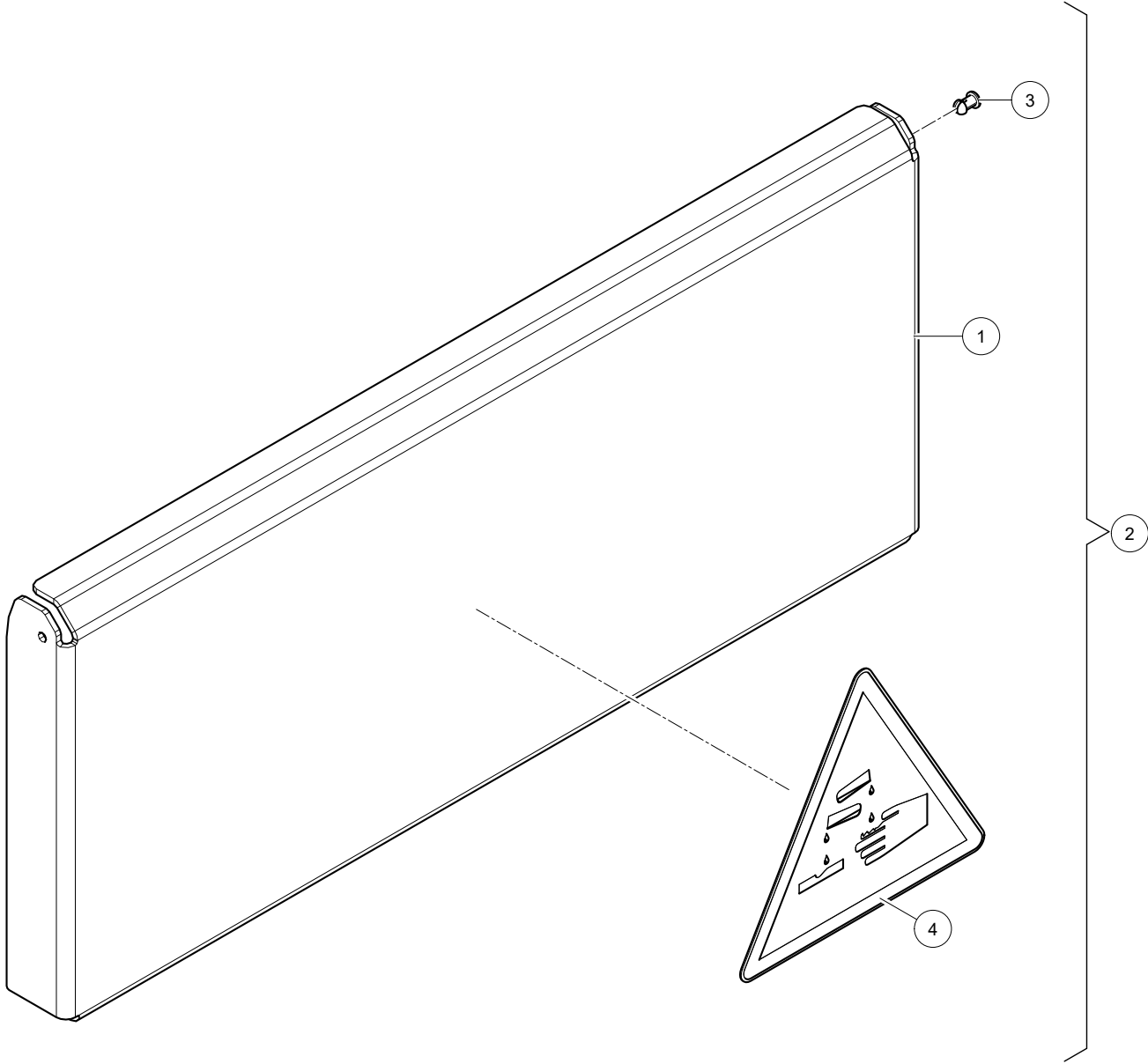
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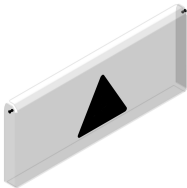
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5.1005.2XXX-XXX

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Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	9.1186.0711.0	1	Cable	0.5MM2 BROWN L=80MM		
2	5.1004.7328.0	3	Suction tube with level switch			
3	9.1186.0499.5	3	Spiral			
4	5.1004.7358.0	3	Set suction tube			
5	5.1004.7537.0	3	Set			
6	9.1186.0187.1	1	Cable core	0.5mm2		
7	9.1186.0578.0	1	Connector	MC 1.5/6-ST3.5		



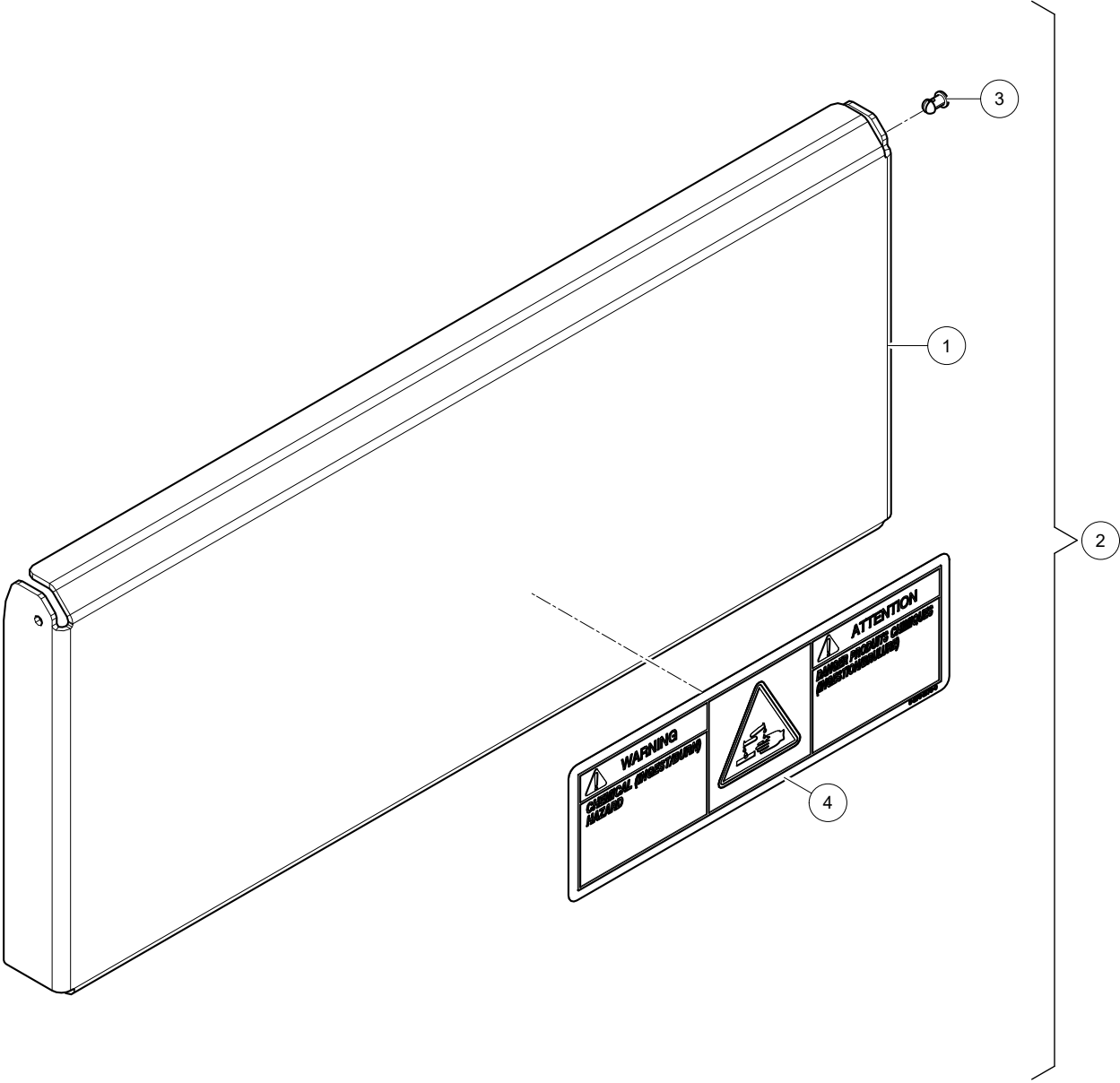


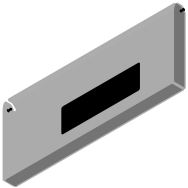


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Dosing Unit      5.1005.2XXX-XXX      0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	#####	1	Not separately			
2	5.1005.2973.0	1	Shield EU ass.			
3	9.1073.0212.0	2	Rivet	Push rivet PA6 3.3 x 4.8		
4	9.1170.0506.0	1	Decal			







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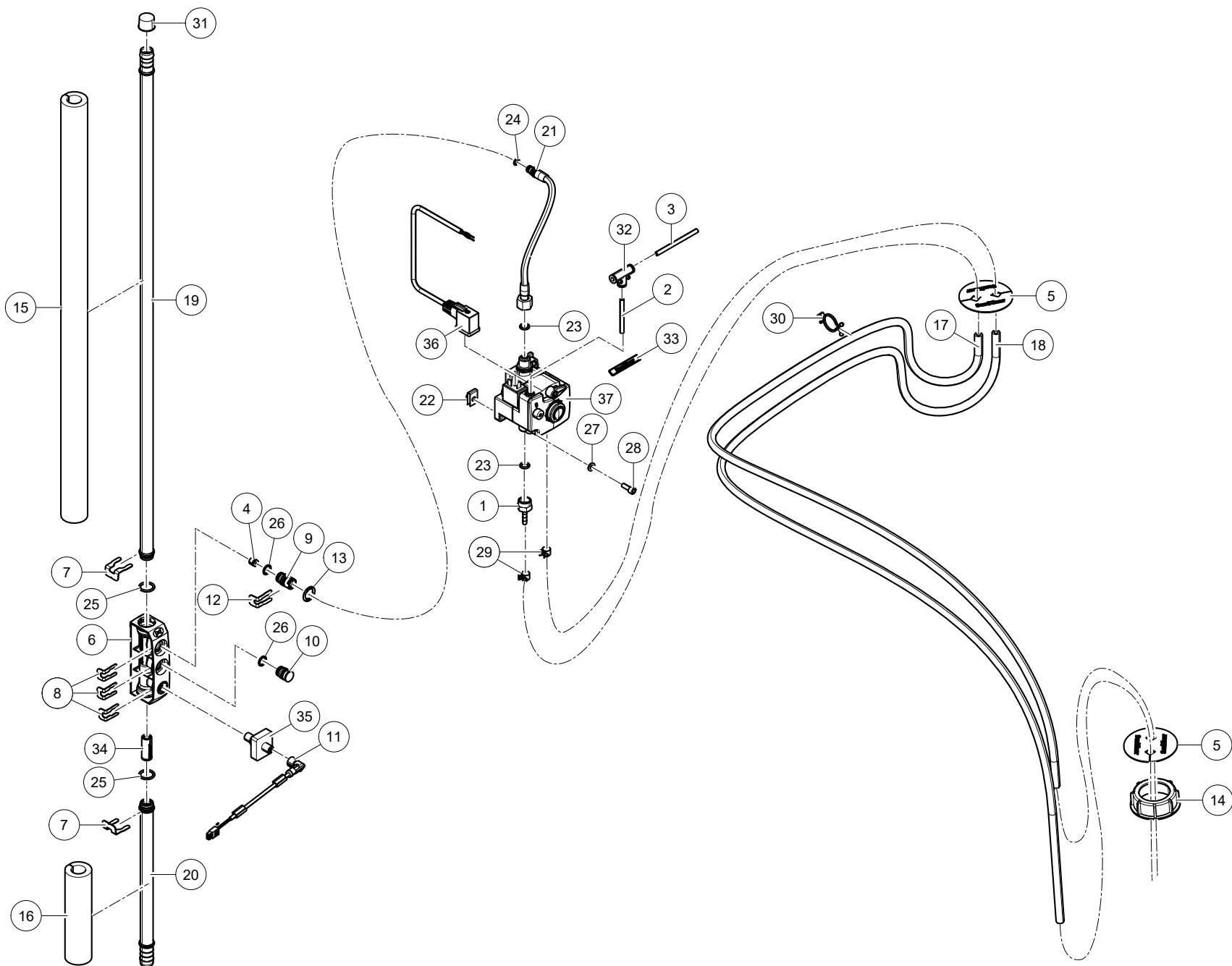
Dosing Unit  
Dosing Unit

5.1004.0602-2XX  
5.1005.2XXX-XXX

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0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	#####	1	Not separately			
2	5.1005.2974.0	1	Shield USA ass.			
3	9.1073.0212.0	2	Rivet	Push rivet PA6 3.3 x 4.8		
4	#####	1	Not separately			





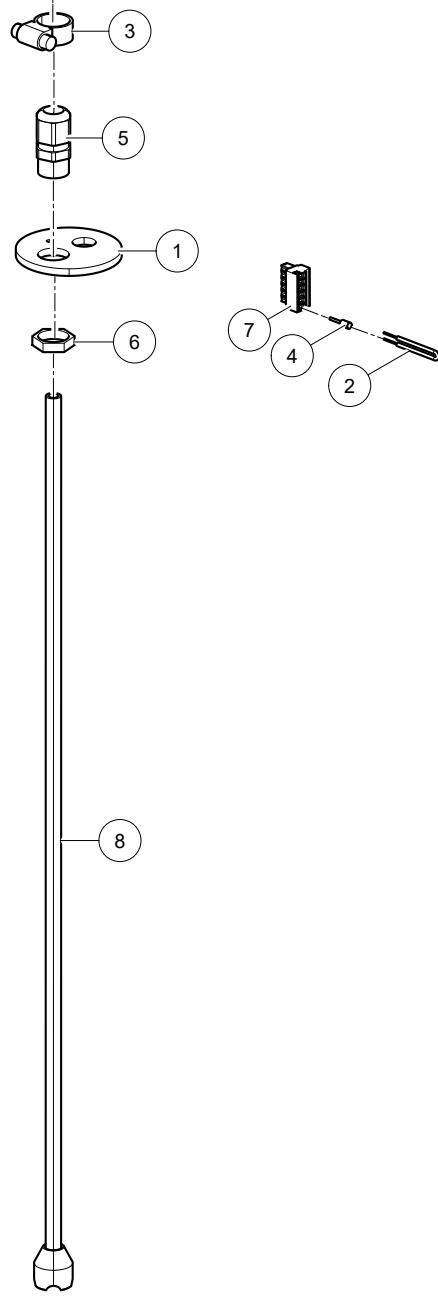




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Dosing Unit  
Dosing Unit5.1004.0602-2XX  
5.1005.2XXX-XXX0003242507  
0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.1378.0	1	Tailpiece			
2	9.1138.0064.5	1	Tube	BLAUW PA 6mm L=60		
3	9.1138.0064.5	1	Tube	BLUE PA 6mm L=85mm		
4	5.1004.3036.0	1	Valve			
5	5.1004.5746.0	2	Label			
6	5.1004.6371.0	1	Manifold	mixing chemicals		
7	5.1004.6372.0	2	Clip	19mm		
8	5.1004.6373.0	3	Clip	12mm		
9	#####	1	Not separately			
10	5.1004.6376.0	1	Plug			
11	5.1004.6383.0	1	Cable			
12	5.1004.6404.0	1	Clip	9mm		
13	5.1004.6707.0	1	Label	Sanitizer		
14	#####	1	Not separately			
15	9.1185.0212.0	1	Isolation	Climaflex XT 22mm ID x 9		
16	9.1185.0212.0	1	Isolation	Climaflex XT 22mm ID x 9		
17	9.1065.0113.0	1	Hose	Multibar yellow 6 x 3 L = 1900mm		
18	9.1065.0061.3	1	Hose	Multibar transparant inner 6 x 3 L = 2100 mm		
19	5.1005.3442.0	1	Tube	FLOWMIXTUBE TOP		
20	5.1005.3443.0	1	Tube	FLOWMIXTUBE BOTTOM		
21	5.1005.5229.0	1	Hose			
22	9.1036.0039.3	2	Speed nut	M6 s/s		
23	9.1043.0127.0	2	O-ring	10x2.5 Viton		
24	9.1043.0188.0	1	O-ring	7.65x1.78 Viton		
25	9.1043.0270.0	2	O-ring	18.72x2.62 VITON 75° SHORE A		
26	9.1043.0271.0	2	O-ring	12x2 VITON 75° SHORE A		
27	9.1048.0090.0	2	Washer	A6.4 DIN125-A2 s/s		
28	9.1057.0060.3	2	S.h. bolt	M6x16 DIN912-A2 s/s		
29	9.1066.0054.2	2	Hose clamp	ø10.5-ø12.0		
30	#####	3	Not separately			
31	9.1108.0035.5	1	Locking cap			
32	9.1138.0053.1	1	Plug-in coupling	6-6-6mm (T)		
33	9.1170.1035.0	1	Decal	"Sanitizer"		
34	9.1183.0077.0	1	Flow sensor	Turbine VTY 10-31		
35	9.1183.0078.0	1	Sensor	(Sika VT3493)		
36	9.1186.0788.0	1	Valve connector			
37	9.1189.0111.6	1	Pump	Acid/Brush-Dis/Sanitizer (24V 12ltr/h)		(see page 20)





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Dosing Unit

5.1004.0602-2XX

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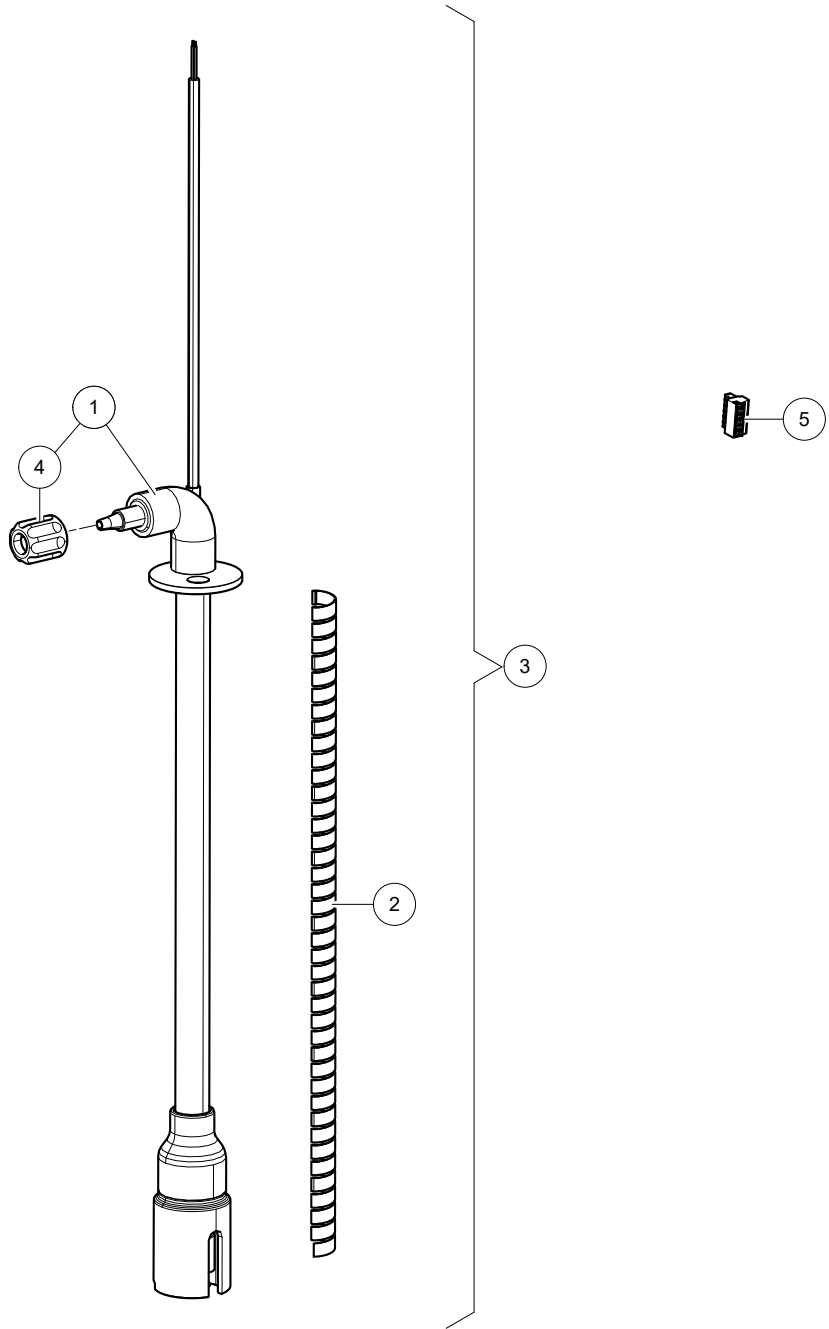
Dosing Unit

5.1005.2XXX-XXX

0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.1483.0	4	Disc	Jerrycan		
2	9.1186.0711.0	4	Cable	0.5MM2 BROWN L=80MM		
3	9.1066.0018.1	4	Hose clamp	Ø8-Ø16 s/s		
4	9.1186.0187.1	8	Cable core	0.5mm2		
5	9.1186.0246.4	4	Cable gland			
6	9.1186.0247.5	4	Cable gland nut			
7	9.1186.0578.0	2	Connector	MC 1.5/6-ST3.5		
8	9.1189.0264.0	4	Filter			







Astronaut A5

Dosing Unit

5.1004.0602-2XX

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Dosing Unit

5.1005.2XXX-XXX

0003242507

Ref.	Part No	Qty.	Description	Techn. info	Criticality	Remark
1	5.1004.7328.0	4	Suction tube with level switch			
2	9.1186.0499.5	4	Spiral			
3	5.1004.7358.0	4	Set suction tube			
4	5.1004.7537.0	4	Set			
5	9.1186.0578.0	2	Connector	MC 1.5/6-ST3.5		





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