



Air preparation units

- modular configuration
- compact design
- simple mounting
- relieving

The service equipment for compressed air is configured as required for each of the following individual devices:

- Filter drain
- Diaphragm pressure regulator
- Micro lubricator
- Pressure gauge
- Shut off valve
- Soft Start valve
- Stop valve
- Fine filter
- Activated carbon filter

Technical Data	
Body material	PlasticGrivory GV-6H with 60 % glass fiber
Process connection Size 0-1/8",1,2,4 Size 0-1/4"	Zinc die-cast PlasticGrivory GV-6H with 60 % glass fiber
Medium	Compressed air, neutral gases
Media temperature	0 to +50°C at 10 bar (Ü)
Ambient temperature	0 to +50°C
max. supply pressure Size 0 Size 1,2,4	12 bar (ü) 16 bar (ü)
Control range	0,5–10 bar
Size 0	Connection 1/8" and 1/4"
Size 1	Connection 1/4" and 3/8"
Size 2	Connection 3/8" and 1/2"
Size 4	Connection 3/4" and 1"
ATEX Zone 2, Category 3G, Ex-Group IIA and IIB Zone 22, Category 3D Zone 1, Category 2G, Ex-Group IIA and IIB Zone 21, Category 2D Temperature class T4	All equipment with size 1 and 2
Standard filter sizes Filter regulator 2 piece service unit 3 piece service unit Filter Fine filter Activated carbon filter	5 µm 5 µm 5 µm 5 µm 0,01 µm, remaining oil content < 0,01 mg/m³ Remaining oil content <0,005 mg/m³

Other versions on request also available with NPT thread.

Ordering chart, 3-piece service unit, fully assembled

Semi-automatic filter drain, diaphragm pressure regulator and micro lubricator, without pressure gauge and mounting parts.

Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
0	G 1/8	129.0	63.0	105.0	6.0	48.0	500	771 903
0	G 1/4	129.0	63.0	105.0	6.0	48.0	500	771 904
1	G 1/4	156.0	95.5	129.5	4.0	54.0	1700	771 905
1	G 3/8	156.0	95.5	129.5	4.0	54.0	1700	771 906
2	G 3/8	189.0	110.0	147.0	6.0	67.0	3500	771 907
2	G 1/2	189.0	110.0	147.0	6.0	67.0	3500	771 908
4	G 3/4	255.0	137.0	192.0	5.0	93.0	12000	771 909
4	G 1	255.0	137.0	192.0	5.0	93.0	12000	771 910

Ordering chart, 2-piece service unit, fully assembled

Semi-automatic filter regulator and micro lubricator, without pressure gauge and mounting parts

Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
0	G 1/8"	86.0	63.0	105.0	6.0	48.0	500	771 911
0	G 1/4"	86.0	63.0	105.0	6.0	48.0	500	771 912
1	G 1/4"	104.0	95.5	129.5	4.0	54.0	1700	771 913
1	G 3/8"	104.0	95.5	129.5	4.0	54.0	1700	771 914
2	G 3/8"	126.0	110.0	147.0	6.0	67.0	3500	771 915
2	G 1/2"	126.0	110.0	147.0	6.0	67.0	3500	771 916
4	G 3/4"	170.0	137.0	192.0	5.0	93.0	12000	771 917
4	G 1"	170.0	137.0	192.0	5.0	93.0	12000	771 918

Ordering chart, Filter regulator

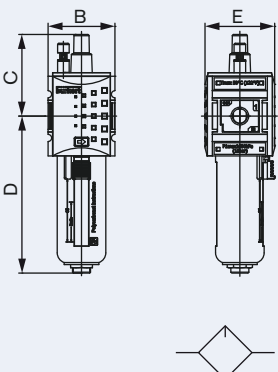
without pressure gauge and mounting parts

Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no. with semi- automatic condensate drain	Item no. with automatic condensate drain
0	G 1/8"	43.0	63.0	105.0	48.0	1000	771 919	772 193
0	G 1/4"	43.0	63.0	105.0	48.0	1000	771 920	772 194
1	G 1/4"	52.0	95.5	129.5	54.0	2200	771 921	772 195
1	G 3/8"	52.0	95.5	129.5	54.0	2600	771 922	772 196
2	G 3/8"	63.0	110.0	147.0	67.0	4300	771 923	772 197
2	G 1/2"	63.0	110.0	147.0	67.0	5200	771 924	772 110
4	G 3/4"	85.0	137.0	192.0	93.0	14000	771 925	772 198
4	G 1"	85.0	137.0	192.0	93.0	14000	771 926	772 199

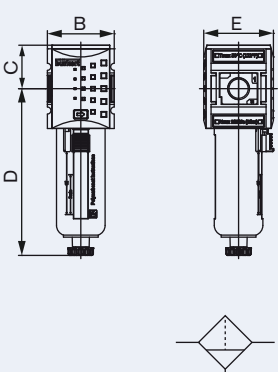
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Ordering chart, Micro lubricator

Oil type CL 32, acc. to DIN 515517 - ISO VG 32

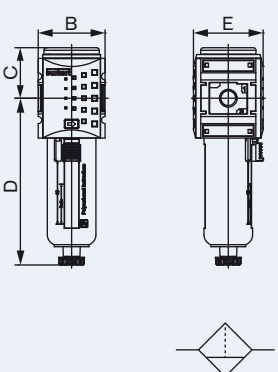
	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Tank capacity lubri- cator cm ³	Item no.
	0	G 1/8"	43.0	58.0	98.0	48.0	1400	35	771 927
	0	G 1/4"	43.0	58.0	98.0	48.0	1400	35	771 928
	1	G 1/4"	52.0	62.5	123.0	54.0	2800	40	771 929
	1	G 3/8"	52.0	62.5	123.0	54.0	2800	40	771 930
	2	G 3/8"	63.0	69.7	137.5	67.0	8000	80	771 931
	2	G 1/2"	63.0	69.7	137.5	67.0	8000	80	771 932
	4	G 3/4"	85.0	87.9	182.8	93.0	13000	181	771 933
	4	G 1"	85.0	87.9	182.8	93.0	13000	181	771 934

Ordering chart, Filter 5 µm

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no. with semi- automatic condensate drain	Item no. with automatic condensate drain
	0	G 1/8"	43.0	27.0	105.0	48.0	950	771 935	772 200
	0	G 1/4"	43.0	27.0	105.0	48.0	950	771 936	772 201
	1	G 1/4"	52.0	34.0	130.0	54.0	2200	771 937	772 202
	1	G 3/8"	52.0	34.0	130.0	54.0	2400	771 938	772 203
	2	G 3/8"	63.0	42.5	147.0	67.0	3500	771 939	772 204
	2	G 1/2"	63.0	42.5	147.0	67.0	3500	771 940	772 205
	4	G 3/4"	85.0	58.0	192.0	93.0	8000	771 941	772 206
	4	G 1"	85.0	58.0	192.0	93.0	8200	771 942	772 207

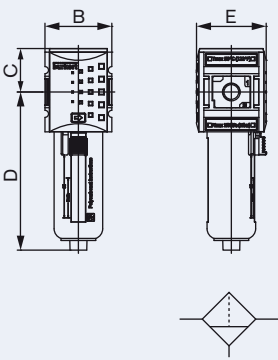
Ordering chart, Fine filter 0,01 µm

with semi-automatic condensate drain

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	0	G 1/8"	43.0	27.0	105.0	48.0	350	771 943
	0	G 1/4"	43.0	27.0	105.0	48.0	350	771 944
	1	G 1/4"	52.0	38.0	130.5	54.0	350	771 945
	1	G 3/8"	52.0	38.0	130.5	54.0	350	771 946
	2	G 3/8"	63.0	48.0	147.0	67.0	500	771 947
	2	G 1/2"	63.0	48.0	147.0	67.0	500	771 948
	4	G 3/4"	85.0	63.0	192.0	93.0	1500	771 949
	4	G 1"	85.0	63.0	192.0	93.0	1500	771 950

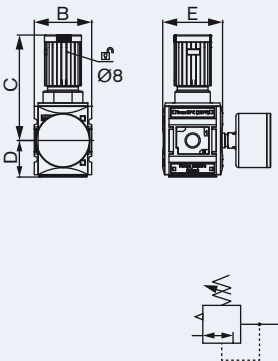
Ordering chart, Activated carbon filter

remaining oil content <0,005 mg/m³

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and Δp=1bar, l/min.	Item no.
	0	G 1/8"	43.0	27.0	98.0	48.0	600	771 951
	0	G 1/4"	43.0	27.0	98.0	48.0	600	771 952
	1	G 1/4"	52.0	34.0	124.0	54.0	650	771 953
	1	G 3/8"	52.0	34.0	124.0	54.0	650	771 954
	2	G 3/8"	63.0	43.0	141.0	67.0	1300	771 955
	2	G 1/2"	63.0	43.0	141.0	67.0	1300	771 956
	4	G 3/4"	85.0	58.0	184.0	93.0	2000	771 957
	4	G 1"	85.0	58.0	184.0	93.0	2000	771 958

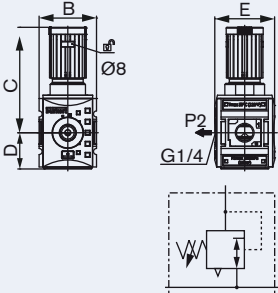
Ordering chart, Diaphragm pressure regulator

without pressure gauge and mounting parts

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and Δp=1bar, l/min.	Item no.
	0	G 1/8"	43.0	63.0	25.0	48.0	1000	771 959
	0	G 1/4"	43.0	63.0	25.0	48.0	1000	771 960
	1	G 1/4"	52.0	95.5	33.0	54.0	2200	771 961
	1	G 3/8"	52.0	95.5	33.0	54.0	2600	771 962
	2	G 3/8"	63.0	110.0	39.5	67.0	4300	771 963
	2	G 1/2"	63.0	110.0	39.5	67.0	5100	771 964
	4	G 3/4"	85.0	137.0	54.0	93.0	14000	771 965
	4	G 1"	85.0	137.0	54.0	93.0	14000	771 966

Ordering chart, Diaphragm pressure regulator with continuous pressure supply

without pressure gauge and mounting parts

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and Δp=1bar, l/min.	Item no.
	0	G 1/8"	43.0	68.0	25.0	48.0	1000	771 967
	1	G 1/4"	52.0	95.5	32.5	54.0	2200	771 968
	1	G 3/8"	52.0	95.5	32.5	54.0	2600	771 969
	2	G 3/8"	63.0	110.0	39.5	67.0	4300	771 970
	2	G 1/2"	63.0	110.0	39.5	67.0	5000	771 971

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Ordering chart, Diaphragm precision pressure regulator

without pressure gauge and mounting parts

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	1	G 1/4"	52.0	95.5	33.0	54.0	2200	771 972
	1	G 3/8"	52.0	95.5	33.0	54.0	2700	771 973
	2	G 3/8"	63.0	110.0	39.5	67.0	4300	771 974
	2	G 1/2"	63.0	110.0	39.5	67.0	5000	771 975

Ordering chart, Diaphragm precision pressure regulator with continuous pressure supply

without pressure gauge and mounting parts

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	1	G 1/4"	52.0	95.5	32.5	54.0	2200	771 976
	1	G 3/8"	52.0	95.5	32.5	54.0	2700	771 977
	2	G 3/8"	63.0	110.0	39.5	67.0	4300	771 978
	2	G 1/2"	63.0	110.0	39.5	67.0	5000	771 979

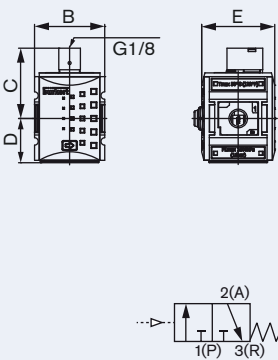
Ordering chart, 3/2-way control valve

electric operated

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no. 24 VDC	Item no. 230 VAC
	0	G 1/8"	43.0	93.0	36.6	48.0	2000	771 980	771 988
	0	G 1/4"	43.0	93.0	36.6	48.0	2000	771 981	771 989
	1	G 1/4"	52.0	84.5	32.8	54.0	2000	771 982	771 990
	1	G 3/8"	52.0	84.5	32.8	54.0	2000	771 983	771 991
	2	G 3/8"	63.0	93.5	56.5	67.0	4300	771 984	771 992
	2	G 1/2"	63.0	93.5	56.5	67.0	4300	771 985	771 993
	4	G 3/4"	85.0	110.9	102.3	93.0	12500	771 986	771 994
	4	G 1"	85.0	110.9	102.3	93.0	12500	771 987	771 995

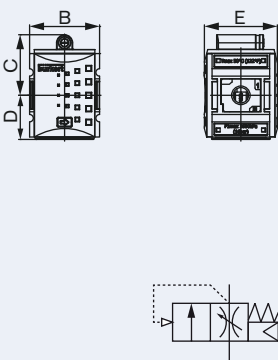
Ordering chart, 3/2-way control valve

pneumatic operated

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	0	G 1/8"	43.0	60.1	36.6	48.0	2000	772 000
	0	G 1/4"	43.0	60.1	36.6	48.0	2000	772 001
	1	G 1/4"	52.0	52.0	33.0	54.0	2000	772 002
	1	G 3/8"	52.0	52.0	33.0	54.0	2000	772 003
	2	G 3/8"	63.0	60.8	56.5	67.0	4300	772 004
	2	G 1/2"	63.0	60.8	56.5	67.0	4300	772 005
	4	G 3/4"	85.0	78.2	67.0	93.0	12500	772 006
	4	G 1"	85.0	78.2	67.0	93.0	12500	772 007

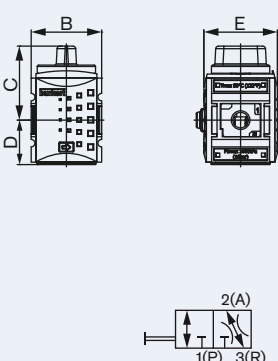
Ordering chart, Soft start valve

Filling time adjustable

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	0	G 1/8"	48.0	53.0	28.0	48.0	1800	772 008
	0	G 1/4"	48.0	53.0	28.0	48.0	1800	772 009
	1	G 1/4"	52.0	45.0	33.0	54.0	1900	772 010
	1	G 3/8"	52.0	45.0	33.0	54.0	1900	772 011
	2	G 3/8"	63.0	53.5	58.0	67.0	4400	772 012
	2	G 1/2"	63.0	53.5	58.0	67.0	4400	772 103
	4	G 3/4"	85.0	58.2	54.0	93.0	10000	772 014
	4	G 1"	85.0	58.2	54.0	93.0	10000	772 015

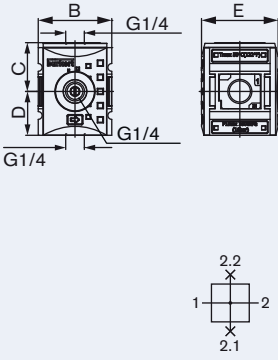
Ordering chart, Shut-off ball valve

lockable with padlock

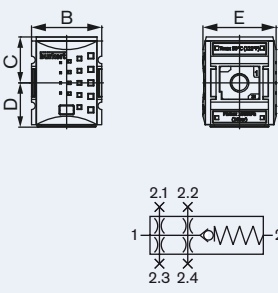
	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	0	G 1/8"	43.0	51.0	25.0	48.0	1800	772 016
	0	G 1/4"	43.0	51.0	25.0	48.0	1800	772 017
	1	G 1/4"	52.0	54.3	33.0	54.0	1900	772 018
	1	G 3/8"	52.0	54.3	33.0	54.0	1900	772 019
	2	G 3/8"	63.0	70.5	56.5	67.0	5000	772 020
	2	G 1/2"	63.0	70.5	56.5	67.0	5000	772 021
	4	G 3/4"	85.0	93.7	51.0	93.0	14000	772 022
	4	G 1"	85.0	93.7	51.0	93.0	14000	772 023

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Ordering chart, Distributor

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	0	G 1/8"	43.0	28.5	25.0	48.0	2700	772 024
	0	G 1/4"	43.0	28.5	25.0	48.0	2700	772 025
	1	G 1/4"	52.0	34.5	31.0	54.0	2700	772 026
	1	G 3/8"	52.0	54.3	31.0	54.0	3600	772 027
	2	G 3/8"	63.0	70.5	37.5	67.0	7250	772 028
	2	G 1/2"	63.0	70.5	37.5	67.0	7250	772 029
	4	G 3/4"	85.0	93.7	51.0	93.0	18000	772 030
	4	G 1"	85.0	93.7	51.0	93.0	18000	772 031

Ordering chart, Non return valve

	Built size	Port size	B [mm]	C [mm]	D [mm]	E [mm]	Qmax. at P=6,3 bar and $\Delta p=1$ bar, l/min.	Item no.
	0	G 1/8"	43.0	27.0	39.0	48.0	800	772 032
	0	G 1/4"	43.0	27.0	39.0	48.0	800	772 033
	1	G 1/4"	52.0	34.0	33.0	54.0	1250	772 034
	1	G 3/8"	52.0	34.0	33.0	54.0	1250	772 035
	2	G 3/8"	63.0	43.0	37.5	67.0	4500	772 036
	2	G 1/2"	63.0	43.0	37.5	67.0	4500	772 037

Ordering chart, Bowl (Polycarbonate)

Built size	Port size	Item no. Oil Bowl	Item no. with automatic drain	Item no. with semi- automatic drain
0	G 1/8"	772 046	771 778	772 042
0	G 1/4"	772 046	771 778	772 042
1	G 1/4"	772 047	771 779	772 043
1	G 3/8"	772 047	771 779	772 043
2	G 3/8"	772 048	772 040	772 044
2	G 1/2"	772 048	772 040	772 044
4	G 3/4"	772 049	772 041	772 045
4	G 1"	772 049	772 041	772 045

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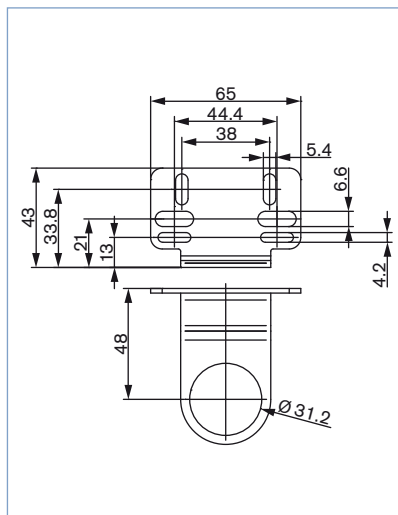
Ordering chart, Metal bowl

Built size	Port size	Item no. Oil bowl	Item no. with automatic drain	Item no. with semi- automatic drain
0	G 1/8"	772 058	772 050	772 054
0	G 1/4"	772 058	772 050	772 054
1	G 1/4"	772 059	772 051	772 055
1	G 3/8"	772 059	772 051	772 055
2	G 3/8"	772 060	772 052	772 056
2	G 1/2"	772 060	772 052	772 056
4	G 3/4"	772 061	772 053	772 057
4	G 1"	772 061	772 053	772 057

Mounting bracket for control panel mounting, steel galvanized

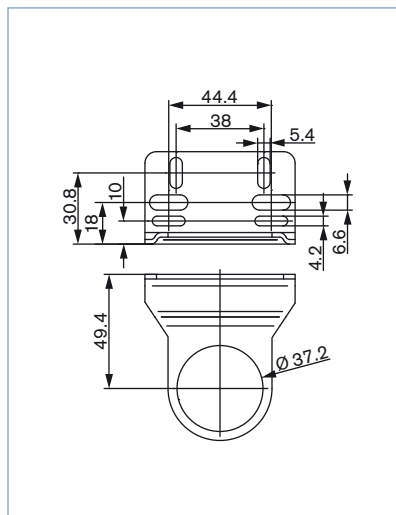
Size 0

Item no. 772 062



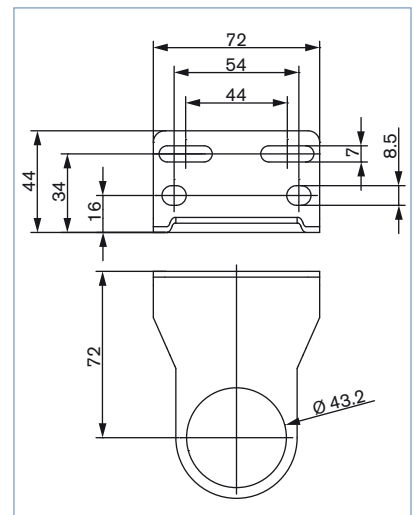
Size 1

Item no. 772 063



Size 2

Item no. 772 064



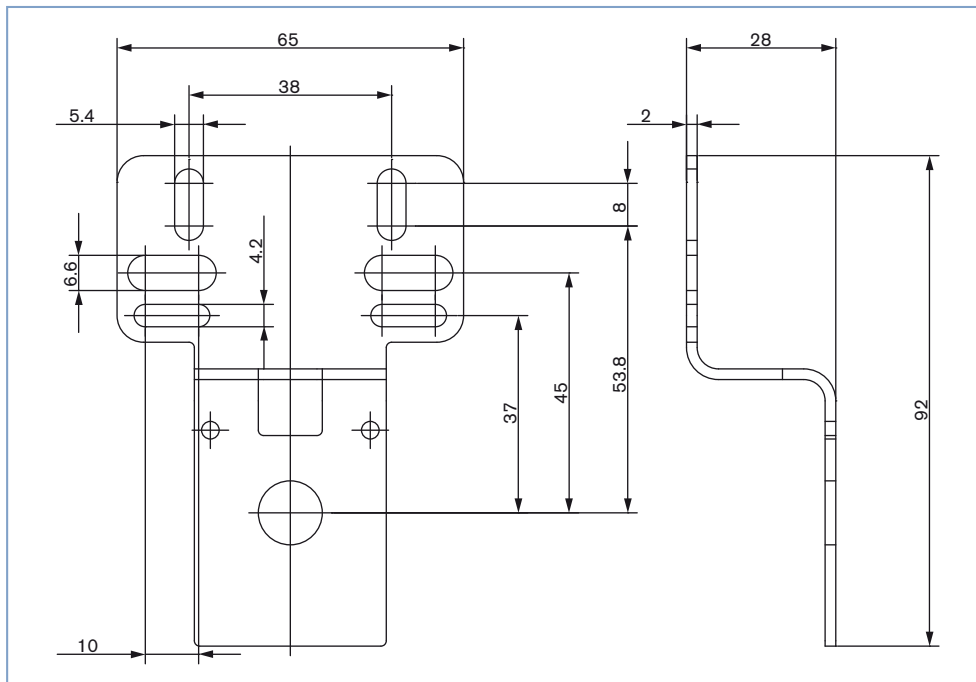
Ordering chart, Control panel nut

Built size	Thread	Materials	Item no.
0	M30x1,5	POM	772 065
1	M36x1,5	POM+GF	772 066
2	M42x1,5	POM+GF	772 067

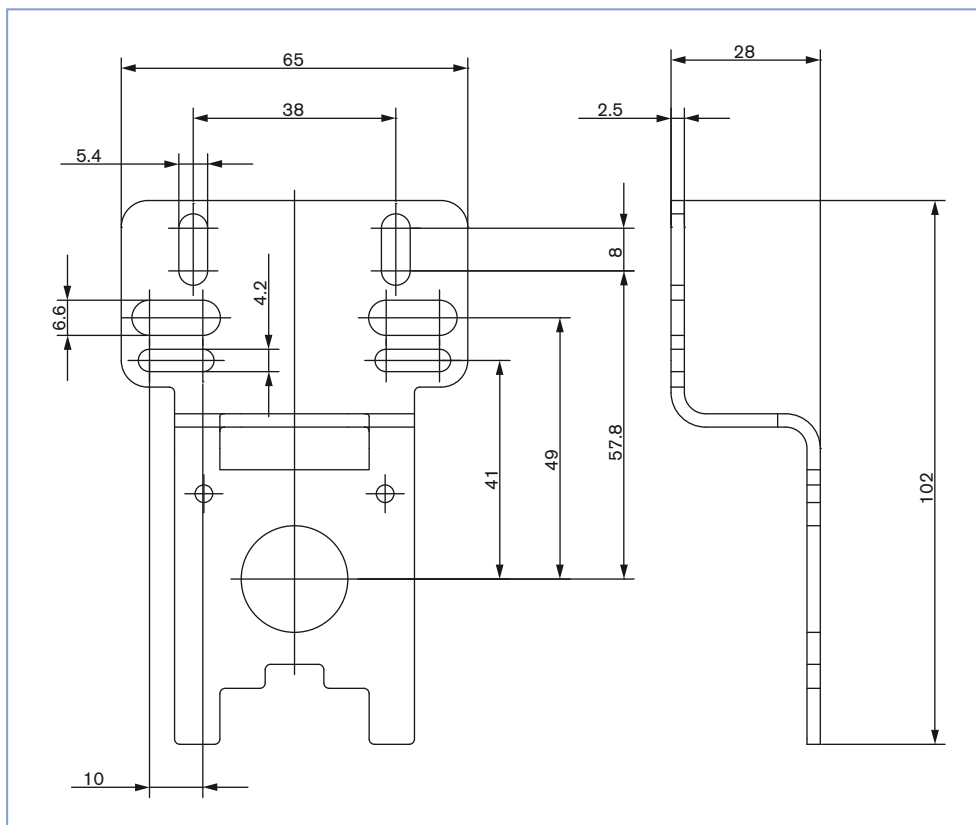
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Mounting bracket for wall-mounting with 2x screw 3x10 with Torx 10IP, steel galvanized

Size 0, Item no. 772 068



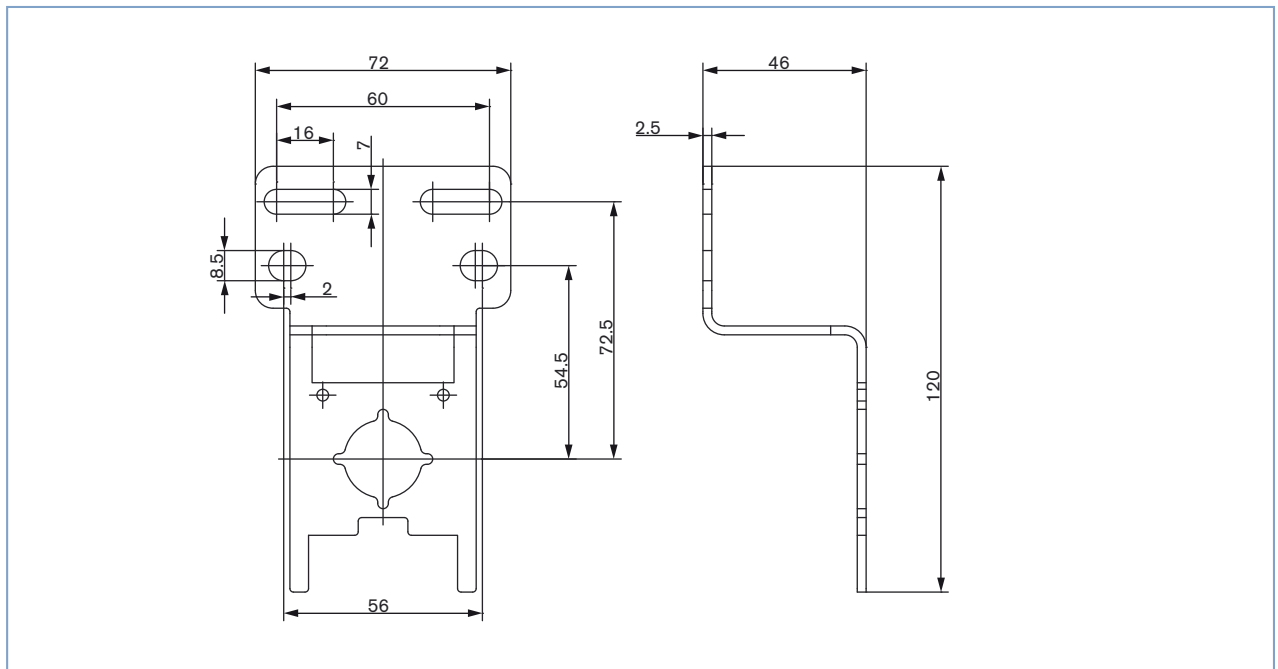
Size 1, Item no. 772 069



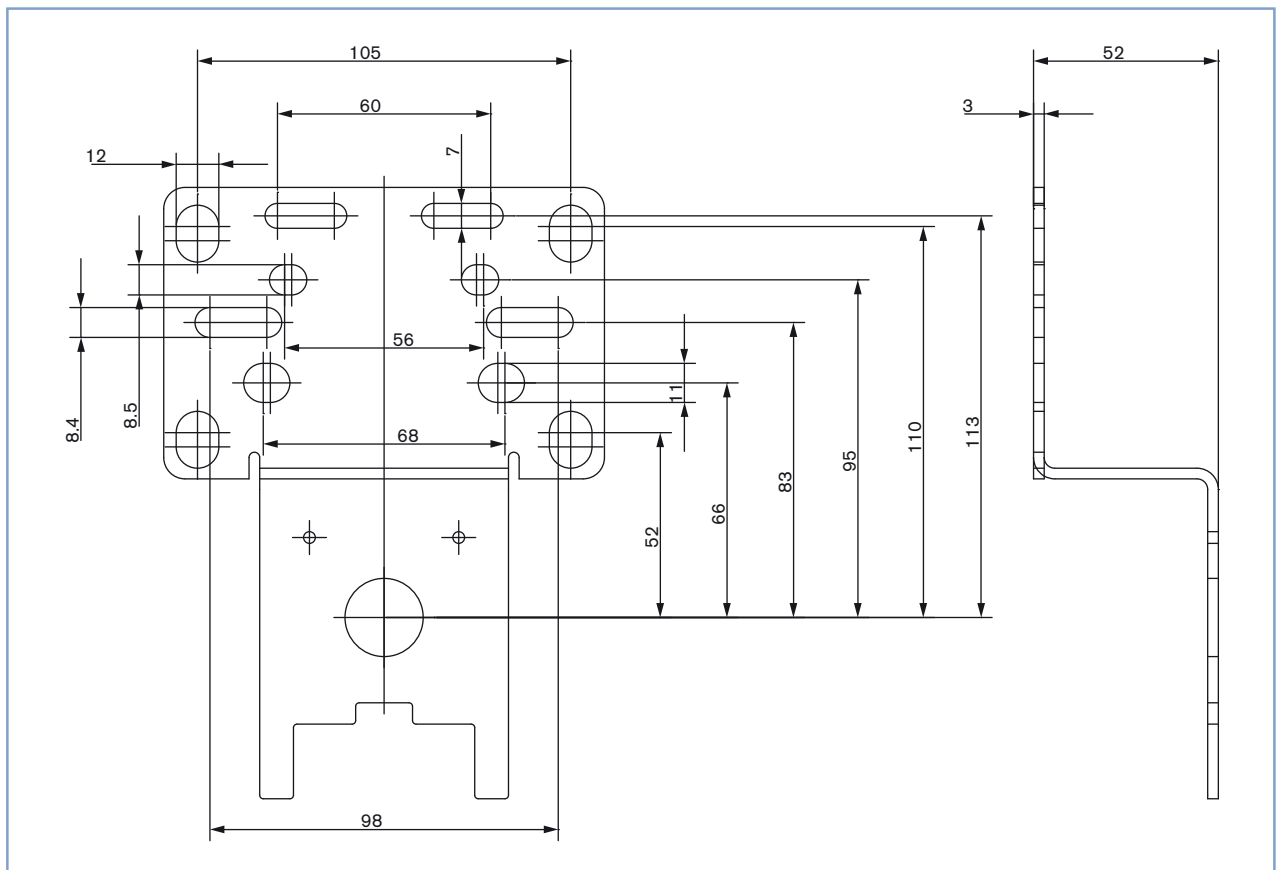
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Mounting bracket for wall-mounting with 2x screw 3x10 with Torx 10IP, steel galvanized

Size 2, Item no. 772 070



Size 4, Item no. 772 071



Ordering chart, coupling kit for connecting of components

	Built size	Item no.
	0	772 072
	1	772 073
	2	772 074
	4	772 075

Ordering chart, coupling kit for wall mounting for connecting of components, including mounting option for wall mounting

	Built size	Item no.
	0	772 076
	1	772 077
	2	772 078
	4	772 079

Ordering chart, replacement filters

Built size	Item no. Filter 5µm	Item no. Filter 0,01µm	Item no. Activated carbon filter
0	772 080	772 085	772 089
1	772 080	772 084	772 088
2	772 082	772 086	772 090
4	772 083	772 087	772 091

Ordering chart Accessories

Bourdon tube pressure gauge, 0–12 bar, TAU001

	Version	Built size	Item no.
	Ø 40 mm, G 1/8	0	772 137
	Ø 50 mm, G 1/4	1,2	772 138
	Ø 63 mm, G 1/4	4	772 139