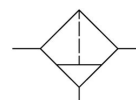


Filter G1/4"...G1" Series FI18-F0,01



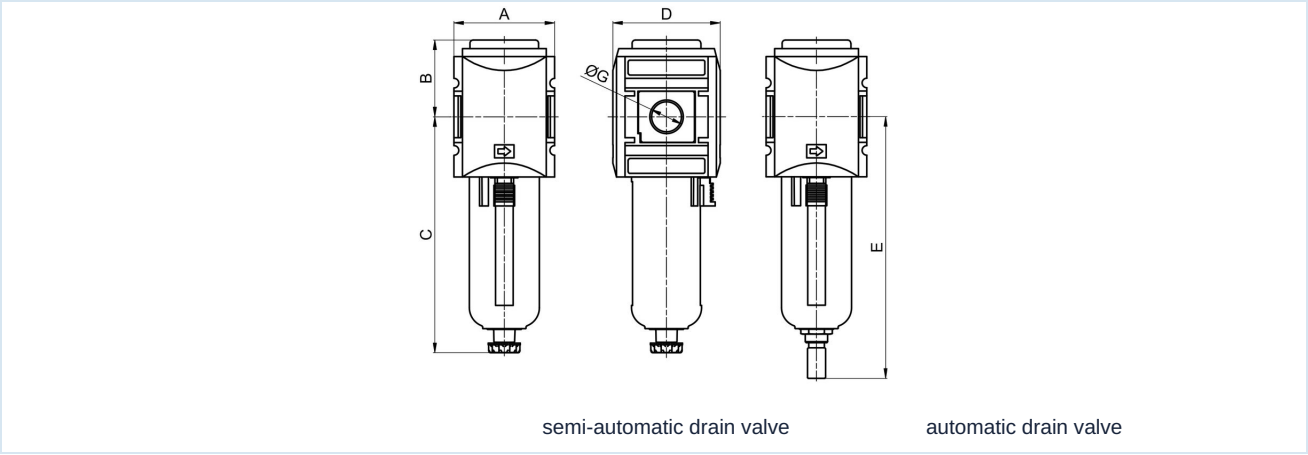
Design type	Microfilter, Filter element borosilicate-aluminium, semi-automatic drain valve
Function	Filtering compressed air, for filtering out liquid and solid contaminants, Residual oil content <0,01mg/m ³
Quality classes	Solid particles 1, Oil 1 according to ISO 8573-1
Filter element	0,01µm
Connection	G1/4"...G1" according to ISO228/1
Materials	Housing Polyamide glass fiber reinforced, Pressure ports Zinc die casting, Condensate reservoir Polycarbonate , Protective cage Polyamide, Seals NBR
Medium	Compressed air
Medium temperature	0...+50°C
Ambient temperature	0...+50°C
Inlet pressure	1,5...16bar
Flow direction	is marked by an arrow
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	vertical, Drain screw bottom
Special version	Differential pressure indicator
Application note	To protect the filter elements, a standard filter or pre-filter must be installed upstream. When commissioning the system, the pressure should be increased slowly so that the filter elements are not damaged.. Recommended replacement of the filter element in case of pressure drop = 0,6bar or approx. 2000 Operating hours

Order code

FI18 - 14 H - F0,01 - A						
	1/4"	14				
	3/8"	38				
	1/2"	12				
	3/4"	34				
Connection	1"	10				
Flow rate	Standard (Leave blank)					
	high flow rate	H				
Filter element	0,01µm		F0,01			
Drain valve	semi-automatic drain valve (Leave blank)					
	automatic drain valve			A		



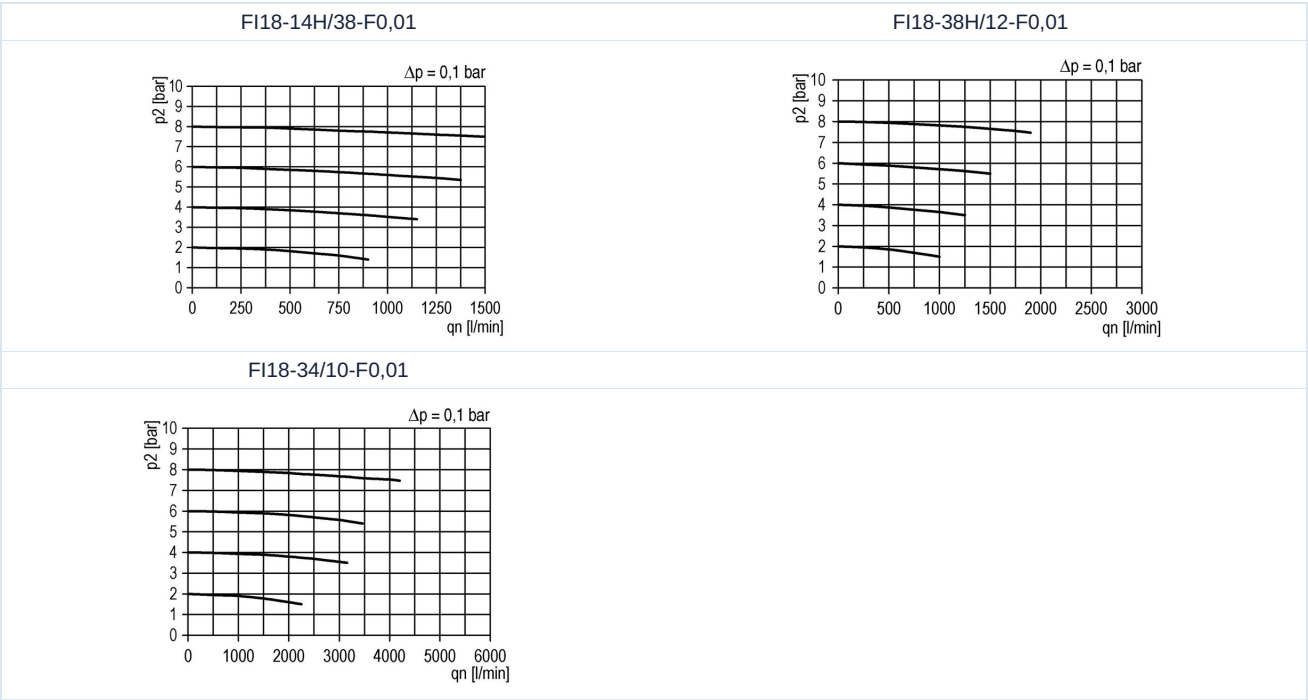
Dimensional drawing



Connection G	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	A	B	C	D	E	Weight [approx. kg]	Type
G1/4"	350	16	52	39	130	54	145	0,3	FI18-14H-F0,01
G3/8"	350	16	52	39	130	54	145	0,3	FI18-38-F0,01
G3/8"	500	16	63	43	147	67	163	0,4	FI18-38H-F0,01
G1/2"	500	16	63	48	147	67	163	0,3	FI18-12-F0,01
G3/4"	1500	16	85	63	189	93	206	1	FI18-34-F0,01
G1"	1500	16	85	63	189	93	206	1	FI18-10-F0,01

*Flow rate at inlet pressure 6 bar and 0.09 bar pressure drop

Flow diagrams



Accessories

Designation	Type
Connection set for 2 devices for G1/4" and G3/8" (Type FI18-38)	MCS18-14H/38
Connection set for 2 devices for G3/8" (Type FI18-38H) and G1/2"	MCS18-38H/12
Connection set for 2 devices for G3/4" and G1"	MCS18-34/10
Mounting bracket kit for G1/4" and G3/8" (Type FI18-38)	MMB18-14H/38
Mounting bracket kit for G3/8" (Type FI18-38H) and G1/2"	MMB18-38H/12
Mounting bracket kit for G3/4" and G1"	MMB18-34/10

Illustrations non-binding

Design, dimensional and material changes reserved

[Pneumatics](#) / [Regulators, filters and lubricators](#) / [Maintenance devices - series 18](#) / [Micro filter Series FI18-F0,01](#)

