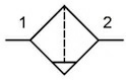
Partnership. With Guarantee.

Microfilter
Series FI03-18-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 after ISO 8573-1
Filter element	0,01µm Dust separation > 0,01µm 99,999%
Connection	G1/8" according to ISO228/1
Materials	Housing Zinc die casting, Condensate reservoir Polycarbonate or Metal, Seal NBR
Medium	Compressed air
Medium temperature	with plastic bowl 0...+60°C, with metal bowl 0...+60°C (with appropriately conditioned compressed air -10...+60°C)
Ambient temperature	with plastic bowl 0...+60°C, with metal bowl -10...+60°C
Inlet pressure	1,5...16bar or rather 1,5...20bar loud table, with automatic drain valve 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
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 = 0,35bar

Type code

		FI03 - 18 - M - F0,01 - A
Connection	1/8"	18
Reservoir	Plastic reservoir (Leave blank)	
	Metal container	M
Filter element	0,01µm	F0,01
Drain valve	semi-automatic drain valve (Leave blank)	
	automatic drain valve	A

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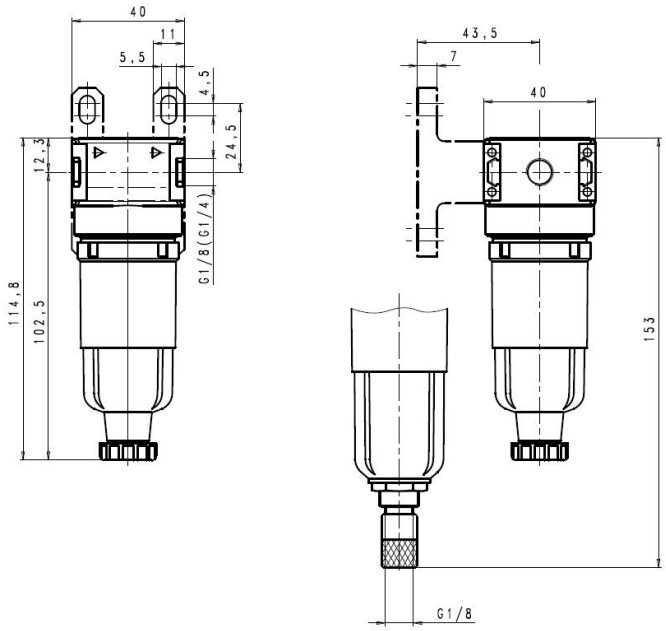
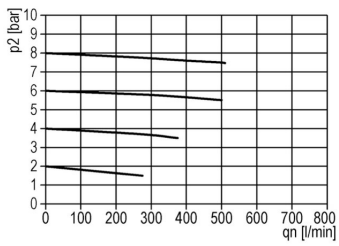
Dimensional drawing



automatic drain valve

Connection	Flow rate at 6 bar* [Nl/min]	max. inlet pressure [bar]	Type
G1/8"	300	16	FI03-18-F0,01
G1/8"	300	20	FI03-18-M-F0,01
*Flow rate at inlet pressure 6 bar and 0.2 bar pressure drop			

Flow diagram



Accessories

Designation	Type
Holding angle (complete)	MMB03-18/14

Illustrations non-binding
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