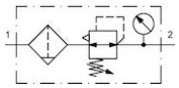
Partnership. With Guarantee.

Filter regulator 1/4"
Series FR01-14





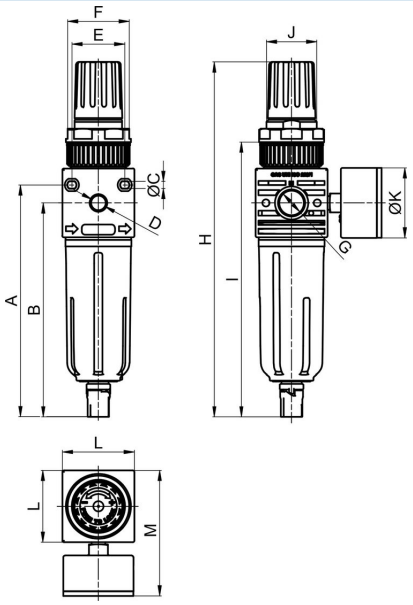
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Protective cage
Function	Control of secondary pressure plus filtration of compressed air
Connection	G1/4" according to ISO228/1
Pressure gauge connection	G1/8" according to ISO228/1
Materials	Housing Acetal resin (POM), Threaded connections Brass, Condensate reservoir Polyamide, Protective cage PE, Seals NBR, Spring cap POM
Medium	Compressed air
Medium temperature	+5...+50°C
Ambient temperature	+5...+50°C
Inlet pressure	max. 16bar, 1,5...10bar with automatic drain valve K-SA
Control ranges	see "Type code"
Flow direction	is marked by an arrow
Mounting type	Installation in piping system, Locknut or Wall mounting using mounting bracket
Mounting position	vertical, Condensate container downward
Locking mechanism	the pressure setting can be locked by pressing in the rotary knob
Condensate drain valve	manual or semi-automatic
Volume Condensate container	22cm³
Scope of delivery	including Pressure gauge Ø40mm and Locknut
Accessories	Holding angle MMP01-1/4 for wall mounting, automatic Drain valve K-SA
Special version	lockable version

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Type code

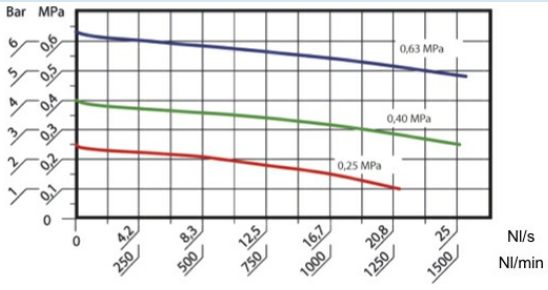
		FR01	- 14	- 0,5/8	- F5	- A
Connection	1/4"	14				
Pressure range	0,5...4bar		0,5/4			
	0,5...8bar		0,5/8			
	0,5...12bar		0,5/12			
Filter element	20µm (Leave blank)					
	5µm				F5	
Drain valve	semi-automatic drain valve (Leave blank)					
	automatic drain valve					A

Dimensions



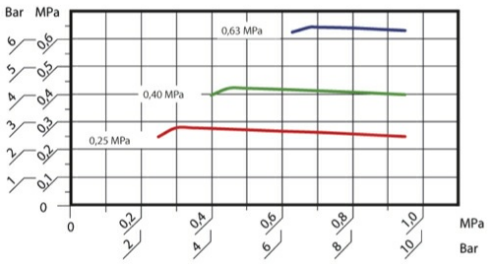
Connection G	A	B	C	D	E	F	H	I	J	K	L	M	Weight [approx. kg]	Type
G 1/4"	137	126	4,5	G 1/8"	36	30..32	209	162	M30x1,5	40	42	73	0,24	FR01-14-0,5/8

Flow diagram



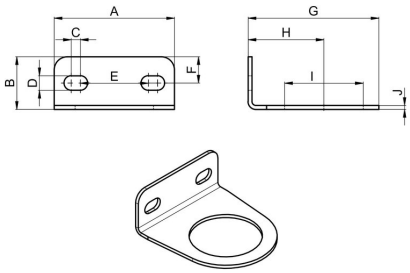
Inlet pressure = 10bar

Control characteristic



Flow rate constant = 34Nl/min
horizontal axis: Inlet pressure
vertical axis: Outlet pressure

Accessories



A	B	C	D	E	F	G	H	I	J	Type
46	20	3,5	5,5	26	10	50	29	30	1,5	MMP01-14

Illustrations non-binding
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