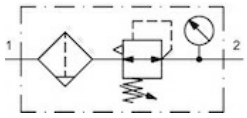
Partnership. With Guarantee.

Filter regulator
Series Gold FR04



Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve or rather automatic drain valve
Connection	G1/4"...G3/8" according to ISO228/1
Materials	Housing Zinc die casting, Condensate reservoir Polycarbonate or Metal, Seal NBR
Function	Control of secondary pressure and filtration of compressed air
Filter element	5µm
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	vertical, Drain screw bottom
Medium	Compressed air
Medium temperature	with plastic bowl 0...+60°C, with metal bowl 0...+60°C(with appropriately conditioned compressed air -20...+60°C)
Ambient temperature	with plastic bowl 0...+60°C, with metal bowl -20...+60°C
Inlet pressure	1,5...16bar or rather 1,5...25bar loud table, with automatic drain valve 4...12bar
Control ranges	0,5...10bar and 0,5...16bar with metal bowl (0,5...3/ 0,5...6 on request)
Flow direction	is marked by an arrow
Scope of delivery	including pressure gauge

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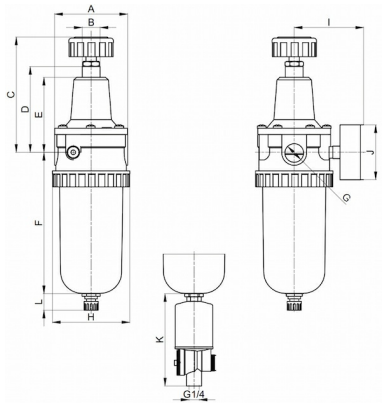
Order code

		FR04	-	14	H	-	0,5/10	-	P	-	F5	-	A
Connection	1/4"			14									
	3/8"			38									
Flow rate	Standard (Leave blank)												
	high flow rate				H								
Pressure range	0,5...3bar						0,5/3						
	0,5...6bar						0,5/6						
	0,5...10bar						0,5/10						
	0,5...16bar						0,5/16						
Reservoir	Plastic reservoir (Leave blank)												
	Plastic reservoir with protective cage								P				
	Metal container								M				
Filter element	5µm										F5		
Drain valve	semi-automatic drain valve (Leave blank)												
	automatic drain valve												A

Dimensional drawing



Connection G	A	B	C	D	E	F	H	I	J	K	L	Weight [approx. kg]	Type
G1/4	54	M20x1,5	106,5	72	62	116	57	60	50	104	11,5	0,8	FR04-14H-0,5/10-F5
G1/4	54	M20x1,5	106,5	72	62	116	57	60	50	104	11,5	0,8	FR04-14H-0,5/10-P-F5
G1/4	54	M20x1,5	106,5	72	62	116	57	60	50	104	14	0,9	FR04-14H-0,5/16-M-F5
G3/8"	54	M20x1,5	106,5	72	62	116	57	60	50	104	11,5	0,8	FR04-38-0,5/10-F5
G3/8"	54	M20x1,5	106,5	72	62	116	57	60	50	104	11,5	0,8	FR04-38-0,5/10-P-F5
G3/8"	54	M20x1,5	106,5	72	62	116	57	60	50	104	14	0,8	FR04-38-0,5/16-M-F5

Connection	Flow rate at 6 bar* [Nl/min]	max. inlet pressure [bar]	Pressure range [bar]	Type
G1/4"	900	16	0,5...10	FR04-14H-0,5/10-F5
G1/4"	900	16	0,5...10	FR04-14H-0,5/10-P-F5
G1/4"	900	25	0,5...16	FR04-14H-0,5/16-M-F5
G3/8"	900	16	0,5...10	FR04-38-0,5/10-F5
G3/8"	900	16	0,5...10	FR04-38-0,5/10-P-F5
G3/8"	900	25	0,5...16	FR04-38-0,5/16-M-F5

*Flow rate data at inlet pressure of 8bar, outlet pressure of 6bar and 1bar Pressure drop

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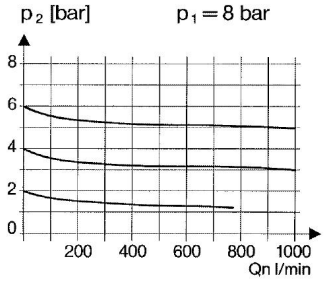
Flow diagram



Accessories

Designation	Type
Holding angle with neck nut M20x1,5	MMP04-14H/12

Illustrations non-binding
Design, dimensional and material changes reserved

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