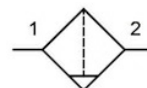


Filter G1/4"...G1" Series Gold FI04



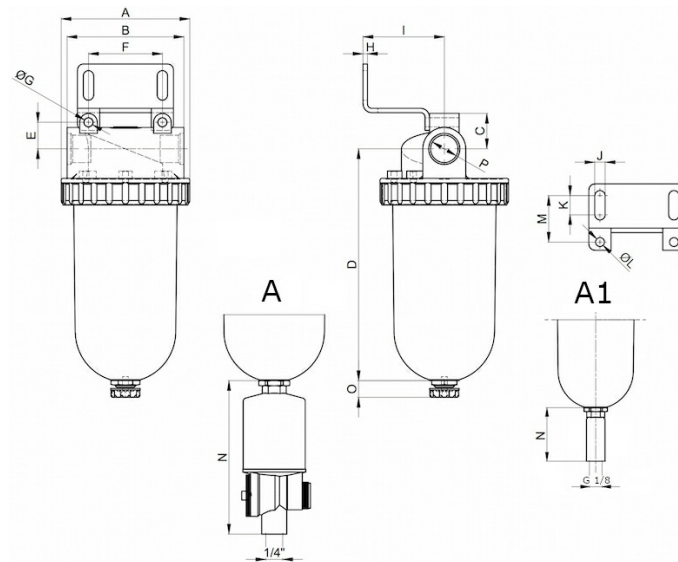
Design type	Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve
Connection	G1/4"...G1" according to ISO228/1
Materials	Housing Zinc die casting, Condensate reservoir Polycarbonate or Metal, Seal NBR
Function	Filtering of compressed air
Filter element	5µm or rather 40µm
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 - 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...25bar loud table, with automatic drain valve Size 1/4" up to 3/8" 4...16bar, Size 3/8H up to 1" 1,5...16bar,
Flow direction	is marked by an arrow

Order code

FI04 - 14 H - P - 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			
Reservoir	Plastic reservoir (Leave blank)				
	Plastic reservoir with protective cage	P			
	Metal container	M			
Drain valve	semi-automatic drain valve (Leave blank)				
	automatic drain valve 4...12bar (1/4...3/8")		A		
	automatic drain valve 1,5...16bar (3/8H...1")		A1		



Dimensional drawing



A, A1: automatic drain valve

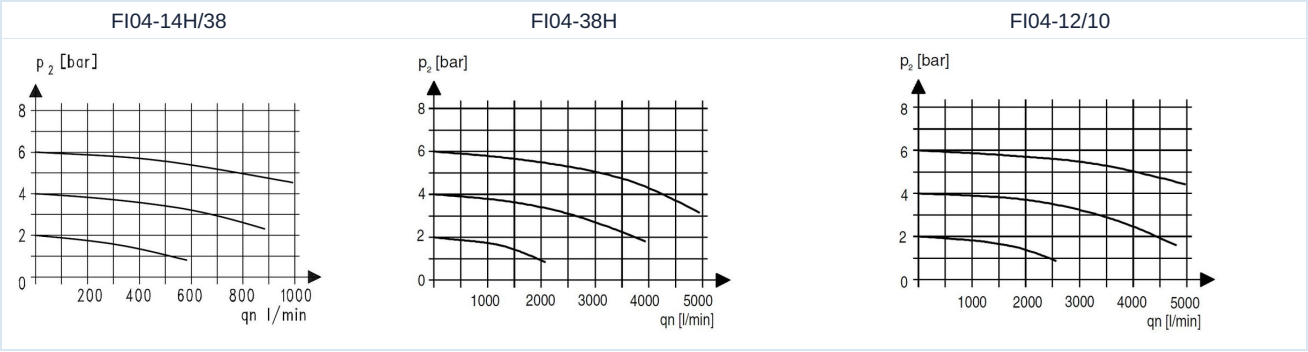
Connection P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Type
G1/4"	57	48	19	116,5	14	38	5,3	3	39,5	5,4	8	M5	24	104	11,5	FI04-14H
G3/8"	57	48	19	116,5	14	38	5,3	3	39,5	5,4	8	M5	24	104	11,5	FI04-38
G3/8"	76	70	22	130,5	16	50	6,2	3	53	7	13	M6	31,5	34	11,5	FI04-38H
G1/2"	87	79	24	157	18	50	6,2	3	55	7	13	M6	31,5	34	11,5	FI04-12H
G3/4"	87	102	32,5	158,5	26,5	50	6,2	3	55	7	13	M6	31,5	34	11,5	FI04-34
G1"	87	90	32,5	158,5	26,5	50	6,2	3	55	7	13	M6	31,5	34	11,5	FI04-10

Connection	Flow rate at 6 bar* [Nl/min]	Inlet pressure [bar]	Filter element [µm]	Weight [approx. kg]	Type
G1/4"	800	1...16	5	0,3	FI04-14H
G1/4"	800	1...16	5	0,4	FI04-14H-P
G1/4"	800	1...25	5	0,4	FI04-14H-M
G3/8"	800	1...16	5	0,3	FI04-38
G3/8"	800	1...16	5	0,4	FI04-38-P
G3/8"	800	1...25	5	0,4	FI04-38-M
G3/8"	3100	1...16	40	0,6	FI04-38H
G3/8"	3100	1...16	40	0,8	FI04-38H-P
G3/8"	3100	1...25	40	0,7	FI04-38H-M
G1/2"	4000	1...16	5	0,8	FI04-12H
G1/2"	4000	1...16	5	1,1	FI04-12H-P
G1/2"	4000	1...25	5	0,9	FI04-12H-M
G3/4"	4000	1...16	5	1,4	FI04-34
G3/4"	4000	1...16	5	1,7	FI04-34-P
G3/4"	4000	1...25	5	1,5	FI04-34-M
G1"	4000	1...16	5	1,2	FI04-10
G1"	4000	1...16	5	1,5	FI04-10-P
G1"	4000	1...25	5	1,3	FI04-10-M

*Flow rate at inlet pressure 6 bar and 1 bar pressure drop



Flow diagram



Accessories

Designation	Type
Holding angle (complete) for G1/4" and G3/8" (Type FI04-38)	MMB04-14H/38
Holding angle (complete) for G3/8" (Type FI04-38H) up to G1"	MMB04-38H/10

Illustrations non-binding
Design, dimensional and material changes reserved

