

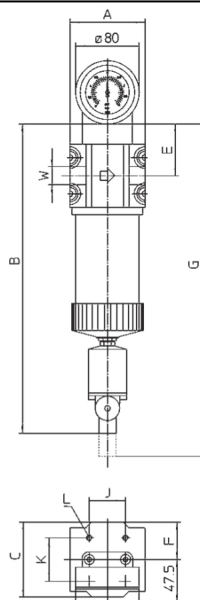
micro filter series FI20-F0,01



design	micro filter, filter element borsilicate, automatic valve for drainage of condensate
function	filtering of the compressed air, to separate liquids and solid particles, rest content of oil <0,01mg/m ³ respectively 0,01ppm
quality classes	compressed air quality according to ISO 8573-1, dust/oil, class 1
filter element	0,01µm, dust removal > 0,01µm 99,9999%
connection	G1/4"...G2" according to ISO228/1
materials	body aluminum, condensate bowl aluminum
medium	compressed air
medium temperature	+5...+80°C
ambient temperature	+5...+80°C
inlet pressure	4...16bar
flow direction	is marked by an arrow
type of fixing	installation in a pipe system or wall mounting with mounting bracket
mounting position	vertical, drain screw below
direction for use	to protect the filter elements a standard filter or preliminary filter must be connected upstream. when starting up the equipment the pressure should be increases slowly. recommended changing of the filter element when the pressure drop = 0,6bar or app. 2000 operating hours

type code

		FI20 - 14 - F0,01 - MA		
connection	1/4"	14		
	3/8"	38		
	1/2"	12		
	3/4"	34		
	1"	10		
	1 1/4"	114		
	1 1/2"	112		
	2"	20		
filter element	0,01µm		F0,01	
without differential pressure manometer blank position				
differential pressure indicator	differential pressure manometer 0...2bar			MA



connection	flow at 6bar* [Nl/min]	A	B	C	E	F	G**	J	K	L		type
G1/4"	1300	83	335	83	57	41,5	410	40	48	M6	2,1	FI20-14-F0,01
G3/8"	1300	83	335	83	57	41,5	410	40	48	M6	2,1	FI20-38-F0,01
G1/2"	1300	83	335	83	57	41,5	410	40	48	M6	2,1	FI20-12-F0,01
G3/4"	2000	83	405	83	57	41,5	550	40	80	M6	2,3	FI20-34-F0,01
G1"	4080	118	420	118	72	59	530	70	80	M8	4,8	FI20-10-F0,01
G1 1/4"	4580	118	520	118	72	59	730	70	80	M8	5,3	FI20-114-F0,01
G1 1/2"	6500	118	620	118	72	59	930	70	80	M8	5,7	FI20-112-F0,01
G2"	9000	118	810	118	72	59	1310	70	80	M8	6,4	FI20-20-F0,01

*flow rate at input pressure of 6bar and 0,1bar pressure drop

**space required for replacement of the filter element

accessories

designation	type
connection set	MCS20-14/34
connection set	MCS20-34H/20
mounting bracket	MMB20-14/34
mounting bracket	MMB20-34H/20

illustrations are non-binding

all designs, configurations, measurements and materials are subject to change without prior notice