



FPF-0,1GF

Front panel mounting fine filter series FP®

Version FPF-0,1GF

Special Features

- Flat design
- Low stagnant space
- Simple construction
- Simple assembly
- Easy change of filter element
- Universal usability

Application

The M&C front panel mounting extra-fine filters reliably separate solids, in particular very fine particles, occurring in analysis techniques in gas filtration, using very fine, deep-acting filter elements. The large filter surface of the cylindrical filter element guarantees reliable extra-fine filtration and a long service life with low pressure drop.

The 19» front-plate mounting equipment requires flat-design equipment for which the FPF-0,1GF extra-fine filter has primarily been developed.

Description

Special features of the M&C FPF-0,1GF front panel mounting filter are flat design, low stagnant space, simple construction and assembly as well as universal usability.

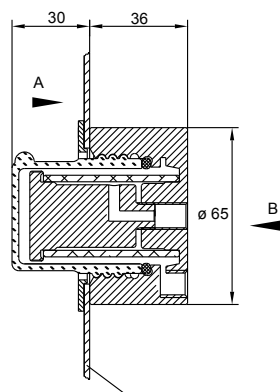
The condition of the filter can be seen immediately from outside through the filter glass without opening the filter fitting. No tools are needed for changing the filter element; here, the optimum positioning of the sealing O-ring always guarantees reliable sealing between filter glass and filter body.

The gas connections are located at the back in the filter body. The inlet of the measuring gas can be turned by 180° at the front ring attachment so that a flexible adjustment to local conditions is possible when assembling.

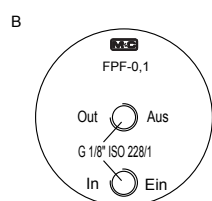
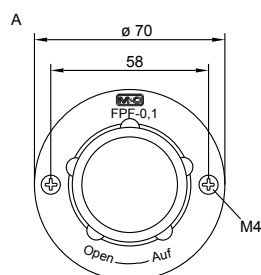
Corresponding tube connectors can be optionally supplied.

Dimensions

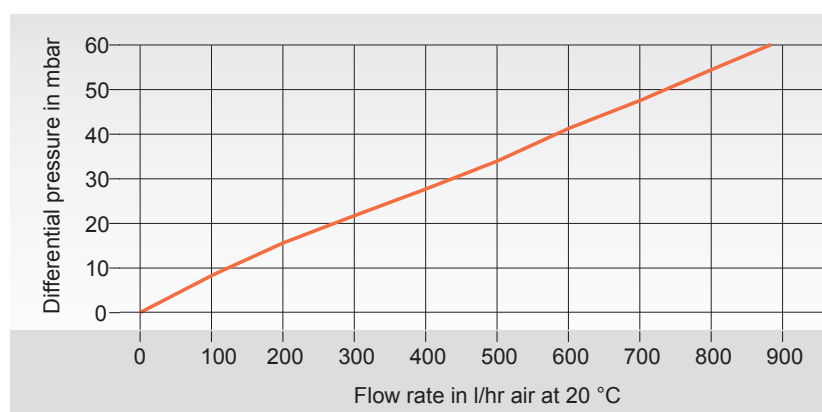
Front panel-mounting fine filter FPF-0,1



bore-hole in frontpanel \varnothing 50



Differential pressure in mbar in dependence on flow rate in NI/h air and with a new filter element.



Dimensions in mm

Technical Data

Front panel-mounting fine filter series FP*	version FPF-0,1
Part No.	04 F 1000
Filter element	Glassfibre 0,1 μ m (others on request)
Connections	G1/8" i DIN ISO 228/1
Pressure	max. 4 bar g
Sample temperature	max. 80 °C
Ambient temperature	max. 80 °C
Filter surface	50 cm ²
Dead volume	30 ml
Weight	280 g
Type of mounting	Front panel mounting
Material of sample contacting parts	PVDF, glass, FPM