

Panel - Filter AGF-FE-4

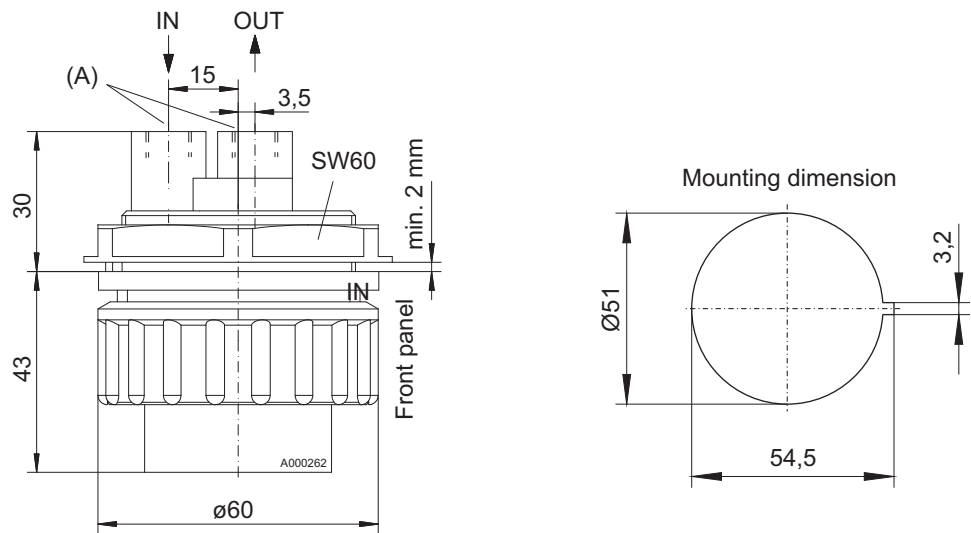


Bühler's AGF-FE-4 filters are designed for panel mounting. The main body is attached to the front panel. The filter bowl threads onto the main body and seals with an O-Ring.

Changing filter media is done by simply removing the bowl. The dust loading on the filter is visible through the transparent bowl. The sample gas inlet and outlet are at the back side of the unit.

- **Simple, panel-mount installation**
- **Easy to install**
- **Large filter area**
- **Easy filter replacement**
- **Acid-resistant materials**
- **Visual indication of filter condition**

Dimensions



Application in explosive atmosphere (additional indications):

The filter inherits no ignition source and hence, carries no respective indication, the filter however, complies with regulation 94/9/EG and is applicable for category 2G, class IIB.



Filter is applicable for the filtration of occasionally flammable gases according to class IIB.

Note indications of risk in the installation and operation instruction of the filter!

Ambient temperature range under hazardous conditions: $-5\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq 60\text{ }^{\circ}\text{C}$

Technical Data

Panel-filter	AGF-FE-4
Surface area	42 cm ²
Pore size	2 µm
Dead volume	28.5 ml
Material - filter	PTFE, PVDF, glass (contacted by gas)
Material - seal	Viton or PTFE armoured Viton
Material - filter element	sintered PTFE
Connections (A)	G1/8 or NPT 1/8 (see order information)
Pressure max.	2 bar
Media temperature	max. +100 °C

Please indicate with order

Filter *		
Part no.	Type	Connections
41 15 100	AGF-FE-4	G1/8
41 15 100I	AGF-FE-4-I	NPT 1/8
41 15 200	AGF-FE-4-Vi/PTFE	G1/8
41 15 200I	AGF-FE-4-Vi/PTFE-I	NPT 1/8

*Delivery includes one filterelement

Spare filter elements AGF-FE-4			
Part no.	Type	Material	Package
41 15 10 50	FE-4	PTFE sintered	8 pcs.