



Panel-Filter AGF-FA-5

Especially in emission control via portal analysis systems the sample gas cannot always be extracted without particle contamination. The necessary conditioning systems must be compact and lightweight and therefore require small and light system components.

We offer special filter housings for these applications and for installation into a standard 19" rack.

AGF-FA-5 filters are screwed onto the front panel. The sample gas connections and an additional connection for the moisture detector can be accessed from the front panel.

Front panel

Easy installation

Large filter surface

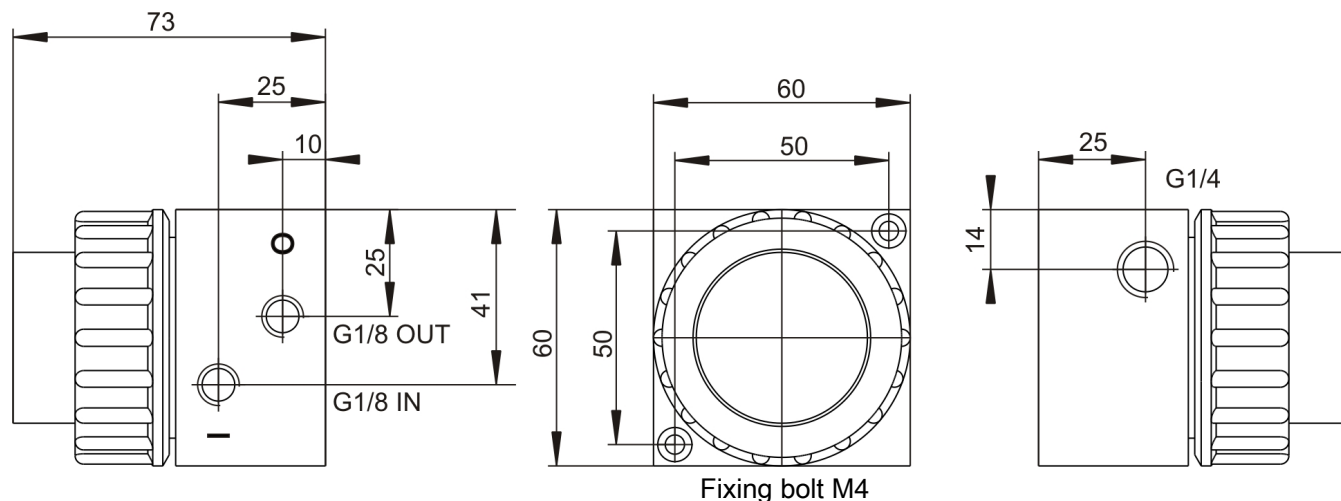
Easy element replacement

Acid-proof materials

Bypass connection in the filter head (G1/4), connection options for bypass, moisture detector or ventilation



Dimensions

**Use in explosive areas (additional notices):**

The filter meets the fundamental safety requirements of Directive 2014/34/EU and is suitable for use in category 2G, explosion group IIB areas. The filter is not marked, as it does not have an innate ignition source, so Directive 2014/34/EU does not apply.

Flammable gases, explosion group IIB, which could occasionally be explosive during normal operation may be conveyed through the filter.

Be sure to observe the relevant operating instructions!

Ambient temperature range when used in Ex areas: $+5\text{ °C} \leq T_{\text{amb}} \leq +60\text{ °C}$.

Technical Data

Panel filter AGF-FA-5

Filter surface	42 cm ²
Filter fineness	2 µm
Dead volume	28.5 ml (without filter element)
Material - filter housing	PTFE, PVDF, Duran glass (parts in contact with mediums)
Material - gasket	Viton
Material - filter element	Sintered PTFE
Connections	G1/8 (gas IN / OUT) or G1/4 (bypass)
Operating pressure max.	2 bar
Medium temperature	max. +100 °C
Option	Moisture detector (see Data Sheet 41 0011)

Ordering instructions

Filter including filter element

AGF-FA-	5
Item no.:	4115300
Item no. O-ring:	4101003
Element:	FE-4
permissible explosion group of the external filter area:	IIB
permissible explosion group of the internal filter area:	IIB

Filter element

Item no.	Model	Material	Packaging unit	permissible explosion group of the internal filter area
41151050	FE-4	Sintered PTFE	8 count	IIB