

## Sample Gas Filter AGF-VA-350

Even if the particular contaminant has already been removed at the extraction point through effective particle filtration inside the gas sampling probe, in long or branched sample gas line there is a risk of secondary contamination. Additional filters are therefore often installed at the point where the sample gas enters the analysis system and also before delicate system components. The filter housings must be made of corrosion-resistant, non-absorbent materials, easy to install and easy to maintain. They should further be compatible with various filter elements.

Model AGF-VA-350 has a small stainless steel housing and is suitable for operating pressures up to 5076 psi.

Very quick and easy filter changes without tools

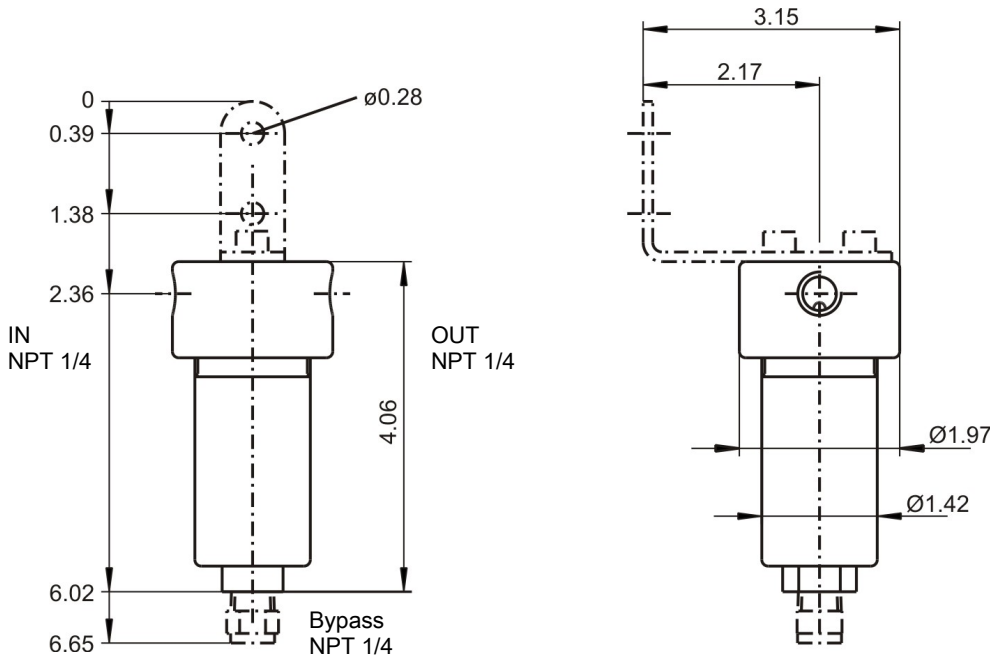
Low dead volume

Variable wall mounting via mounting bracket

(Auto-) condensate drain option through connection thread (NPT 1/4") inside the filter cover



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 class IIC areas. The filter is not marked, as it does not have an innate ignition source and Directive 2014/34/EU therefore does not apply.

Do not convey flammable gases explosion class IIC through the filter which may occasionally be explosive during normal operation.

**Be sure to observe the instructions in the respective operating instructions!**

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

Technical Data

Filter

Dead volume with filter element	1.1 cu. in.
Material - filter housing	1.4404 (SS 316L)
Material - gasket	Viton FEP shrouded
Material - filter element	see table
Weight	approx. 1.76 lb
Operating pressure max.	5076 psi
Medium temperature max.	302 °F

Ordering instructions

Filter

Item no.	Model	Material
41 35 999	AGF-VA-350-T, empty housing	1.4404 (SS316L), Viton gasket, FEP shrouded
41 35 9993	Mounting bracket	1.4301 (SS 304)
90 08 802	Plug NPT 1/4	1.4401 (SS 316)
90 09 297	O-ring	Viton / FEP shrouded

Filter elements

Item no.	Model	Material	Filter fineness	max. temperature	Packing unit	Ex application
41 35 G002	GF2	Fibreglass / epoxy resin	2 µm	302 °F	1 pieces	IIC
41 35 G005	GF5	Fibreglass / epoxy resin	5 µm	302 °F	1 pieces	IIC
41 35 G010	GF10	Fibreglass / epoxy resin	10 µm	302 °F	1 pieces	IIC