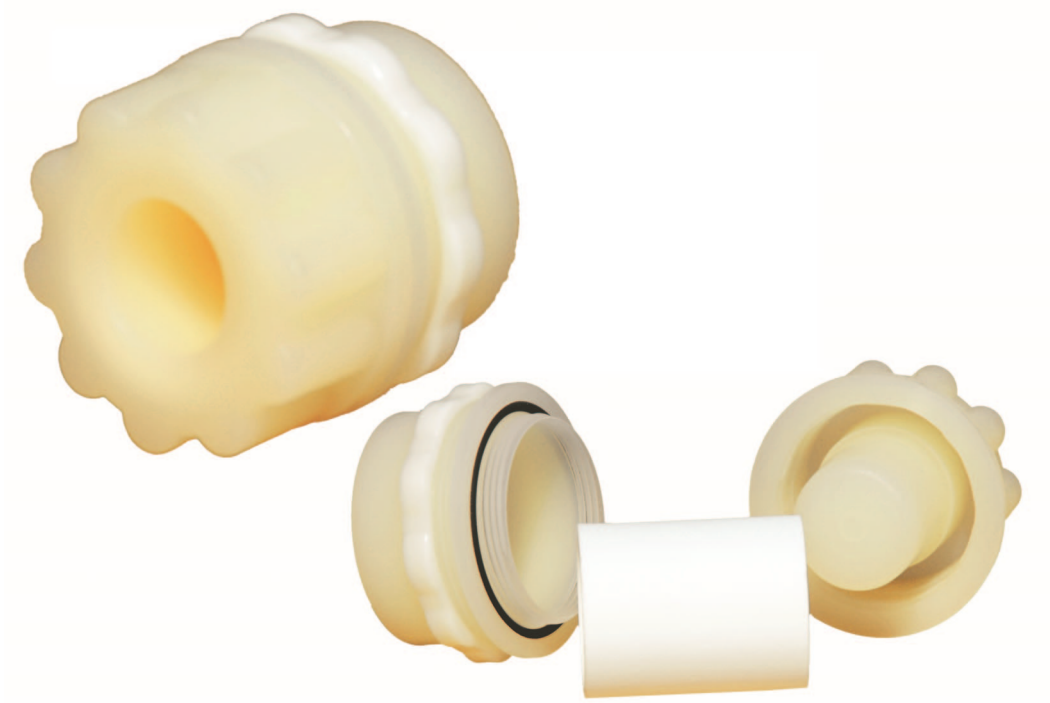
JF-1
Sample Gas Fine Filter

JCT Analysentechnik



Gas Sampling Probes
Heated Sample Lines
Sample Gas Coolers
Condensate Treatment
Accessories
Gas Conditioning Systems
Sample Gas Converters

APPLICATION

- For extractive gas analysis
- For emission and process monitoring
- For removal of dust and contamination from sample gas
- For protection of the analyzers
- For integration in gas analysis systems

BENEFITS

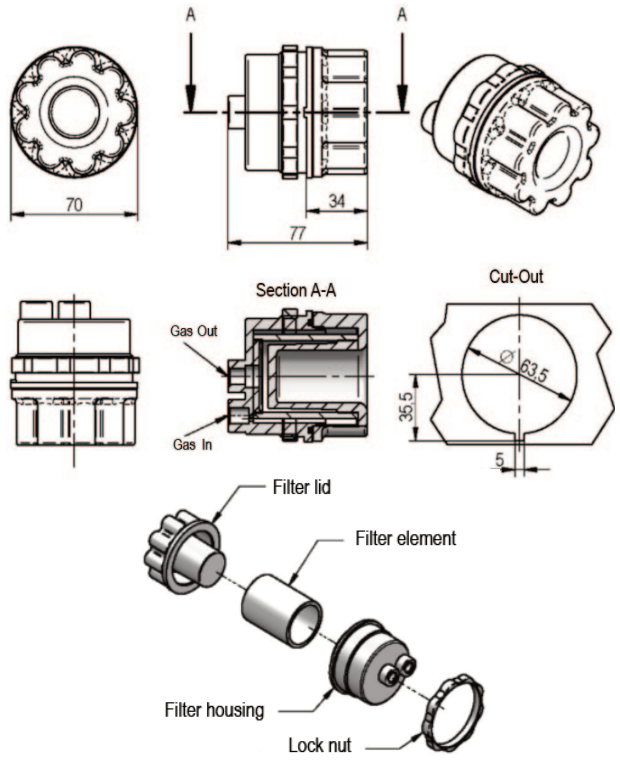
- Reliable continuous dust filtration
- No change of sample gas
- Easy mounting and integration in gas analysis systems
- Long lifetime of the filter elements
- Low and easy maintenance effort
- Corrosion resistant
- Gas tight

FEATURES

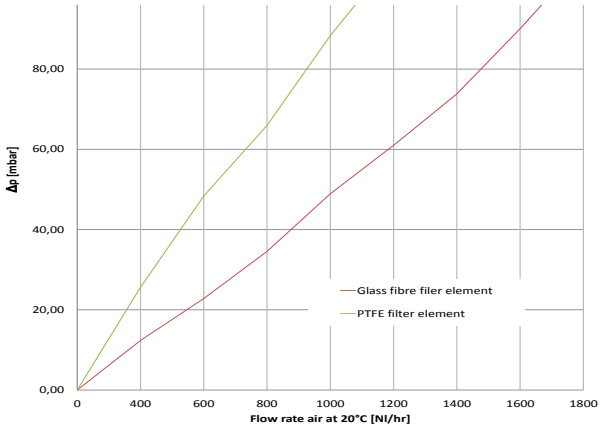
- For front panel mounting
- Chemical resistant materials: PVDF and Viton®
- Filter elements out of glass fibre or PTFE with 2 µm porosity
- Filtration at the outer surface of the filter elements
- Large filter surface
- Compact and robust construction
- Low dead volume
- Low pressure drop
- Suitable for high ambient temperatures
- Variable connection technology

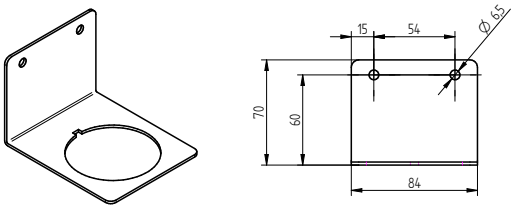
TECHNICAL DATA

Model	JF-1
Description	fine dust filter for analyzer protection
Operation	
Flow	max. 1800 Nl/hr
Ambient temperature	max. 150 °C
Operating pressure max.	4 bara
Construction	
Dimensions over all (Ø x D)	70 x 77 mm
Weight	210 g
Connections inlet / Outlet	G1/8"i
Gas wetted materials	filter body: PVDF, sealing: Viton®, filter element: glass fibre or PTFE
Dead volume	< 40 cm³
Filter porosity / Filter surface	2 µm / 80 cm²
Approvals / Signs	CE



Pressure drop with new filter element





Dimensions in mm

ORDER CODES

Order code	Description
17.00002	Glass fibre filter element 2 µm, PU = 5 pcs
17.00003	PTFE filter element, 2 µm, PU = 3 pcs
17.00011	Wall mounting bracket, SS304
17.00020	JF-1 filter housing for panel mount out of PVDF with Viton® o-ring and one glass fibre element 2µ
17.00021	JF-1 filter housing for panel mount out of PVDF with Viton® o-ring and one PTFE element 2µ

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