

JCT
Analysentechnik

JAF-1 Liquid Stop



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 analyzer protection
- Reliable prevention of liquid breakthrough to the analyzer
- For installation upstream gas analyzers

BENEFITS

- Separates reliably sample gas from liquids and dust
- No liquid breakthrough possible
- Separation of residual dust e.g. after a change of the dust filter element in a gas analysis system
- Easy mounting and integration in gas analysis systems
- Alerting by upstream flow monitoring
- Corrosion resistant
- Gas tight

FEATURES

- Semipermeable membrane with fluoropolymer coating
- Fine filter with 0,1 μm
- Low dead volume
- Low pressure drop
- Low dimensions
- Suitable for high ambient temperatures
- Variable connection technology
- Gas flow is interrupted with completely wet membrane

TECHNICAL DATA

Model

JAF-1

Description

liquid stop for analyzer protection

Operation

Flow

max. 400 NI/hr

Operating temperature

0° to 80 °C

Operating pressure

max. 3 bara

Pressure drop at 100 / 400 NI/hr air

10 / 40 mbar

Construction

Dimensions over all (Ø x L)

70 x 120 mm (with hose fittings)

Connections inlet / outlet

NPT 1/8" male or hose fitting DN 4/6 mm

Gas wetted materials

PTFE, PP, fluor polymer

Dead volume

approx. 5 ml

Filter porosity / Filter surface

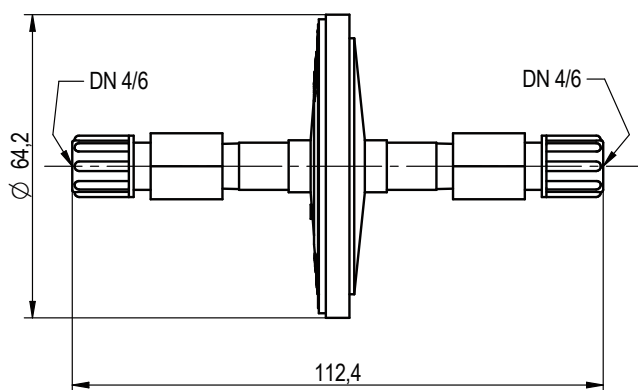
0,1 µm / 20 cm²

Approvals / Signs

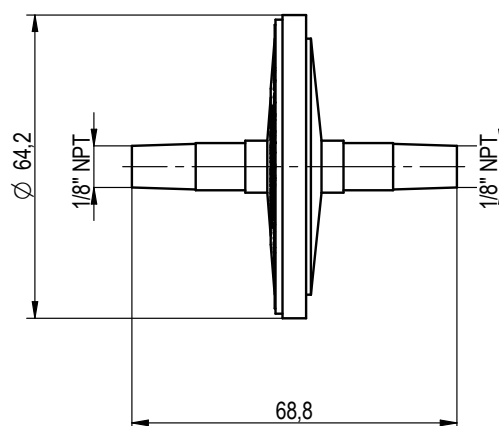
CE

DIMENSIONS

Dimensions in mm



p/n 36.00300



p/n 36.00301

ORDER CODES

Order code

Description

36.00300

JAF-1 liquid stop with 2 hose fittings DN 4/6 mm out of PP

36.00301

JAF-1 liquid stop with 2 connection threads NPT 1/8" male

Gas Sampling **Probes**



Heated Sample **Lines**



Sample Gas **Coolers**



Gas Conditioning **Systems**



NOx **Converter**



and solutions for

