



gas flow solutions



Pilot Filter

PURES



- ▶ Modular and integrated Design
- ▶ Robust Stainless Steel Filter Element
- ▶ Retention of particles and liquids with a low pressure differential

Main Features

Designed as a filter module in front of the GFS PIGES pilot series, the PURES can be applied as a stand-alone unit, or integrated with the various GFS pilot elements.

A highly porous stainless steel filter element is used to retain particles and liquids, while keeping the pressure differential low.

Technical Features

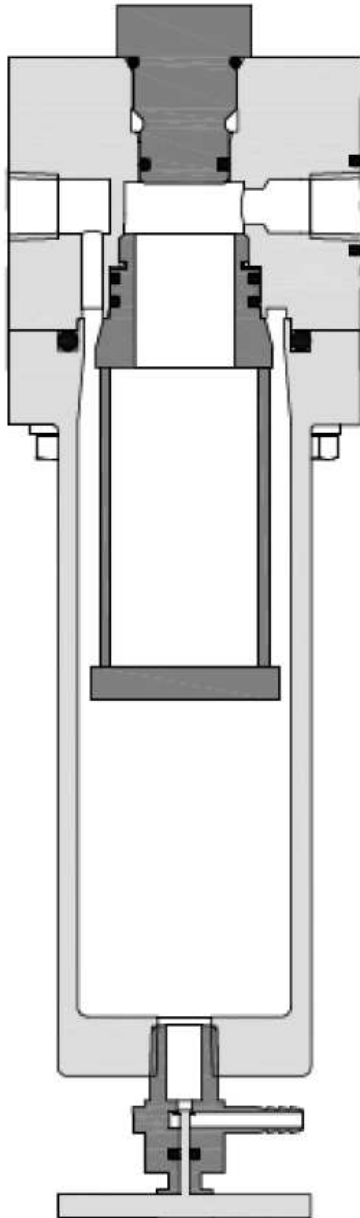
- Design Pressure: up to 150bar
- Inlet Pressure Range: up to 150bar
- Design Temperature minimum: down to -50°C
- Design Temperature maximum: up to 150°C
- Absolute Retention Rates: 1 µm or 5 µm
- Maximum Recommended Operational Δp : 2 or 5 bar
- Initial Δp at pilot nominal flow 0.2 bar (1µm)
- Easy installation or retrofit of clogging indicator and/or switches and/or automatic drain
- Bottom drain valve with vent tube

Note: Other pressure and temperature ranges, filter elements and grades are available on request

PURES



Overview



Material Specification

- Body and Filter Housing: AISI 316 – 1.4401
- Filter Element: AISI 316 – 1.4401
- Seals: FPM