



flowplus¹⁶

Fluidsensor

DESCRIPTION

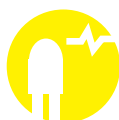
The fluid sensor flowplus¹⁶ is a new development of ViscoTec Pumpen- u. Dosiertechnik GmbH. This sensor guarantees optimum process safety for almost all applications in which media is transported.

flowplus¹⁶ can be used universally for the pressure measurement of fluids and other media in dosing applications. Via an intelligent software, the flowplus¹⁶ can analyze static and dynamic flow application mechanics.

APPLICATIONS



Life Science



Photonics



Analytics



Industrial



Electronics

CHARACTERISTICS

- Functionally coated interior flow channel
- Excellent chemical resistance
- Easy to clean
- For static and dynamic application
- Temperature compensated
- Luer-Lock adapter
- Electrical short safe
- Polarization safe
- Integrated measurement amplifier

BENEFITS

- No dead spaces
- Through-flow sensor
- Inline sensor
- All media touching material in FFKM
- Compatible with all media
- Maintenance free

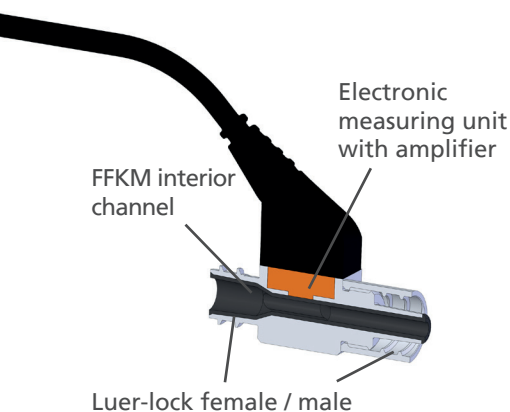


Figure sectional view: 1:1

TECHNICAL DATA

- Flowrate: up to 100 ml / min.*
- Function: relative pressure sensor
- Measurement Parameters: 0 to 16 bar / overload 25 bar
- Feed: 24 VDC \pm 10 %
- Material: Housing – coated aluminum
Interior flow channel - FFKM / Molding - TPU
- Signal: 0,1 to 10 V
- Electrical Connection: „push-pull“ connector / M8 sensor plug
- Mechanical Connection: LUER-LOCK DIN EN 1707
- Temperature: 15°C to 45°C
- Measurement tolerance: \pm 2 % of measured value

* Depends on the viscosity and primary pressure of the medium.

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