



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
- ✓ Inline sensor
- ✓ All media touching material in FFKM
- ✓ Compatible with all media
- ✓ Maintenance free

BENEFITS

- ✓ No dead spaces
- ✓ Through-flow sensor

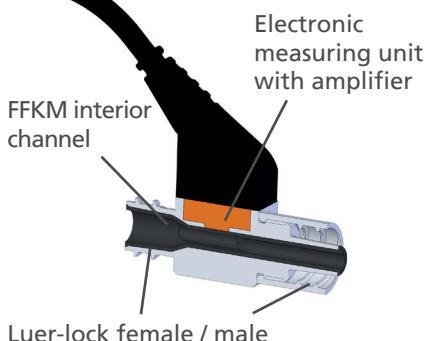


Figure sectional view: 1:1

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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