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

BENEFITS

- No dead spaces
- Through-flow sensor

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

TECHNICAL DATA

- Flowrate: up to 100 ml / min.*
- Function: relative pressure sensor
- Measurement Parameters: 0 to 16 bar / overload 25 bar
- Feed: 24 VDC ± 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: ± 2% of measured value

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