

FLUID SENSOR

DESCRIPTION

The flowplus¹⁶ is a universally applicable sensor for the pressure measurement of different kinds of fluids and pastes. In dosing processes, the sensor enables the evaluation of the flow mechanics of static and dynamic applications and guarantees optimum process reliability.

APPLICATIONS



Electronics



Analytics



Industrial












Life Science









Photonics

CHARACTERISTICS

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

BENEFITS

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

TECHNISCHE DATEN	
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 aluminium 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.

