

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

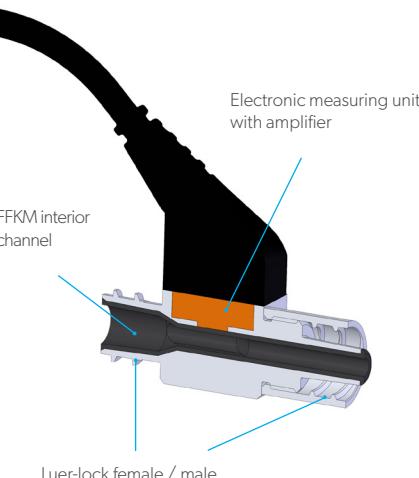


CHARACTERISTICS

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

BENEFITS

-  No dead spaces
-  All media touching material in FFKM
-  Inline sensor
-  Through-flow sensor
-  Compatible with all media
-  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
Electronical 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 primacy pressure of the medium.