

# FLUID SENSOR

## DESCRIPTION

The fluid sensor flowplus<sup>16</sup> 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. flowplus<sup>16</sup> can be used universally for the pressure measurement of fluids and other media in dosing applications. Via an intelligent software, the flowplus<sup>16</sup> can analyze static and dynamic flow application mechanics.

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

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

