

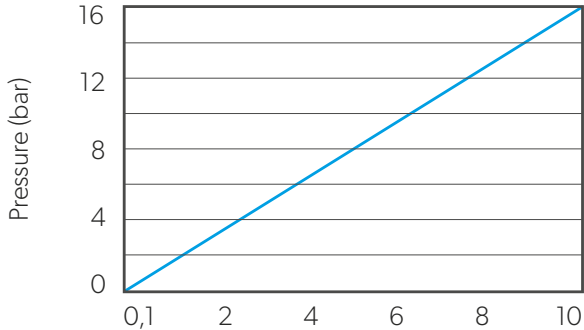


MAKE YOUR PROCESS SAFE AGAIN!

TECHNICAL DATA**flowplus¹⁶**

Operating Principle	Relative pressure sensor
Measuring Range	0 to 16 bar
Measurement Tolerance	± 2 % from measured value (FS)
Sampling Rate	3 kHz
Supply	24 VDC ± 10 %
Output Signal	0.1 to 10 VDC
Operating Temperature	+15 °C to +45 °C
Mechanical Connection	Luer-Lock DIN EN 1707

Output Signal (V)



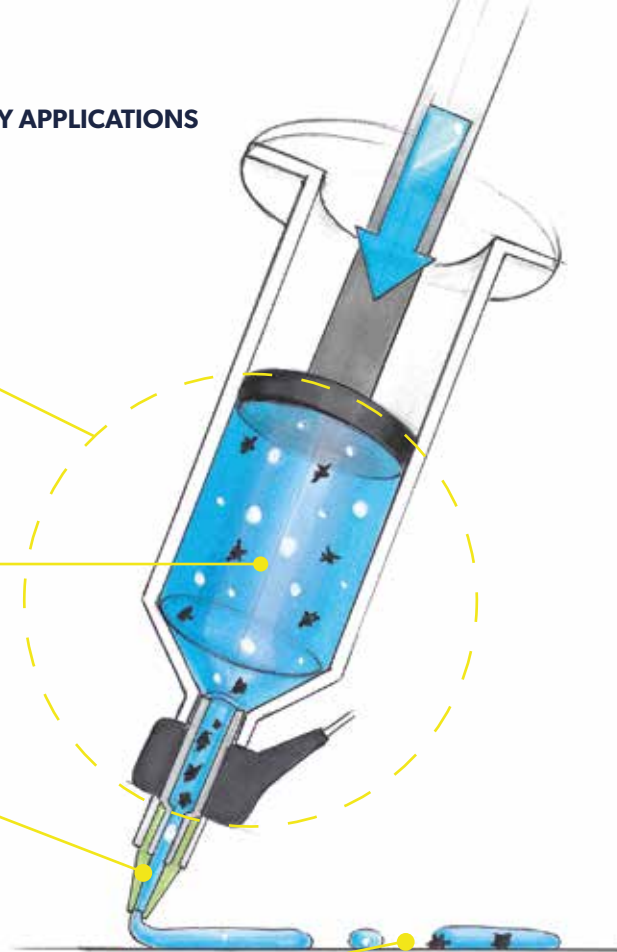
flowplus¹⁶ – ONE SENSOR, MANY APPLICATIONS

PRESSURE DETECTION

DETECTION OF AIR BUBBLES

HARDENING / CLOGGING

PROCESS INTERRUPTIONS



flowplus¹⁶ – THE PLUG AND PLAY SOLUTION IN AUTOMATION

When processing liquid materials, it is essential to record and interpret the existing process parameters. The pressure is the decisive physical parameter used to obtain important information from the application process. This applies to progressive cavity pumps, piston and diaphragm pumps as well as simple time-pressure valves. Regardless of the system and technology used, pressure changes can be used to determine various situations in the system, detect disturbance variables and avoid errors.

Incorrect dosing affects the quality of the entire process and leads to wastage of the material. This can be due to a constriction or blockage of the dosing needle, an incorrect distance to the substrate or trapped air in the material with the associated disruption of the material application.

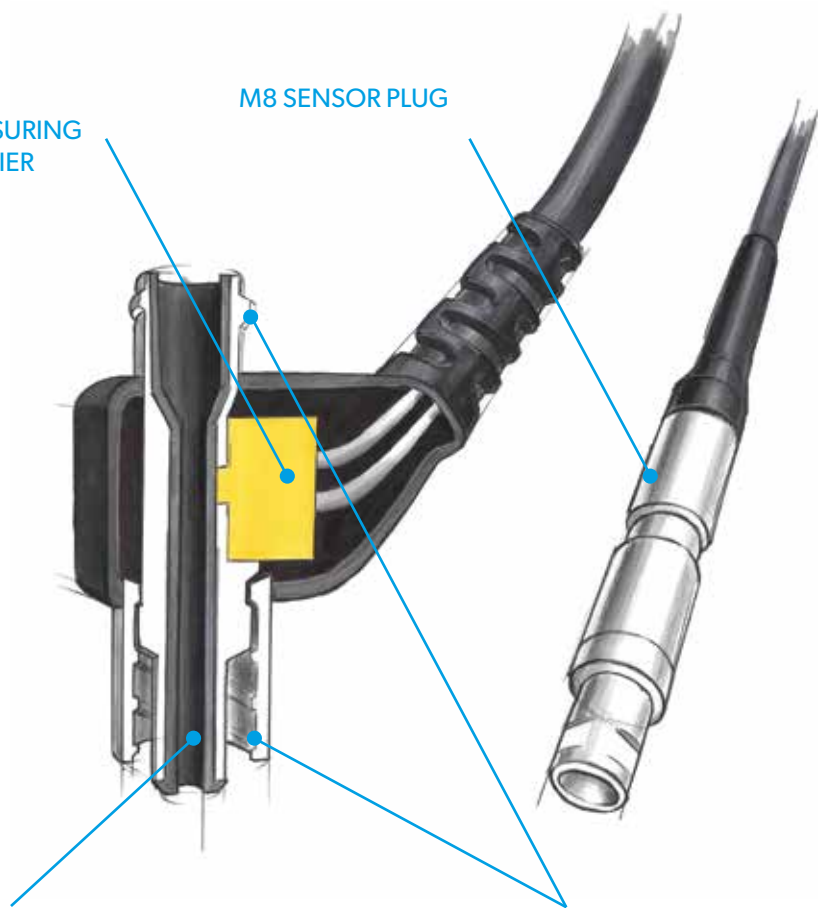
By continuously monitoring of the dosing process with the flowplus¹⁶, errors can be detected, and a reliable process established. Thanks to the standardized Luer-Lock connection, the high sampling rate of 3 kHz and the integrated pressure evaluation electronics together with a compact size, the fields of application of the flowplus¹⁶ are almost limitless.

flowplus¹⁶ – the Plug and Play solution for:

Process Monitoring – Process Optimization – Process Documentation –
Process Automation

INTEGRATED
ELECTRONIC MEASURING
UNIT WITH AMPLIFIER

M8 SENSOR PLUG



CAVITY-FREE FFKM
FUNCTIONAL CHANNEL

LUER-LOCK
FEMALE / MALE



VISCOTEC PUMPEN- U. DOSIERTECHNIK GMBH

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