

PIEZORESISTIVE PRESSURE TRANSMITTERS

SERIES 26 W

FOR LEVEL- AND HIGH PRECISION PRESSURE MEASUREMENTS

The Series 26 W transmitter utilises the Series 10 piezoresistive capsule, which is housed inside a submersible 316 L stainless steel body as standard.

For corrosive applications hastelloy diaphragms and other materials are available as options. 26 W vented gauge versions have cable with integral vent tube. These transmitters are fitted with durable PE cable.

Specifications

Pressure Ranges (FS)	0,2	0,5	1	2	5	10	20	bar
Linearity	0,2 %FS typ.		0,5 %FS max.					
Compensated Temp. Range	0...50 °C (on demand -10...80 °C)							
Storage-/Operating Temperature	-45...100 °C							
Temperature Coefficients...	...of Zero, in %FS/°C				...of Sensitivity, in %/°C			
• Range > 1 bar	0,005		0,01 max.		0,02 max.			
• Range 1 bar	0,010 typ.		0,02 max.		0,02 max.			
• Range 0,5 bar	0,015 typ.		0,03 max.		0,02 max.			
• Range 0,2 bar	0,025 typ.		0,05 max.		0,02 max.			
Stability								
• Range > 2 bar	0,1 %FS typ.		0,2 %FS max.					
• Range ≤ 2 bar	2 mbar typ.		4 mbar max.					
Type	2-Wire		3-Wire		3-Wire			
Excitation (U)	8...28 VDC		10...28 VDC		13...28 VDC			
Signal Output	4...20 mA		0...20 mA		0...10 V			
Load (Ω)	< (U-8 V)/0,02 A		< (U-7 V)/0,02 A		> 5 k			
Cable	ø 7,3 mm, PE, integrated reference tube							
Cable Length	Standard: 5 meter							
Material in Media Contact	Stainless Steel 316 L, Viton®- or Silicone O-ring							
Weight	Transmitter: 260 g / 5 m cable: 340 g							
Electromagnetic Compatibility	EN 61000-6-1 through -4							
Options	- Other cable lengths - Transducer: Hastelloy-housing and diaphragm - Others versions and pressure ranges on request							



Electrical Connections

	2-Wire	3-Wire
Black	+Vcc	+Vcc
Red	OUT/GND	+OUT
White		GND

