



KELLER

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 stainless steel body as standard.

For corrosive applications hastelloy and platinum diaphragms 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)	200	500	1000	2000	5000	mbar
Stability typ./max.	1 / 3	1 / 3	2 / 4	2 / 4	5 / 10	mbar
Linearity	0,2% FS typ.		0,5% FS max.			

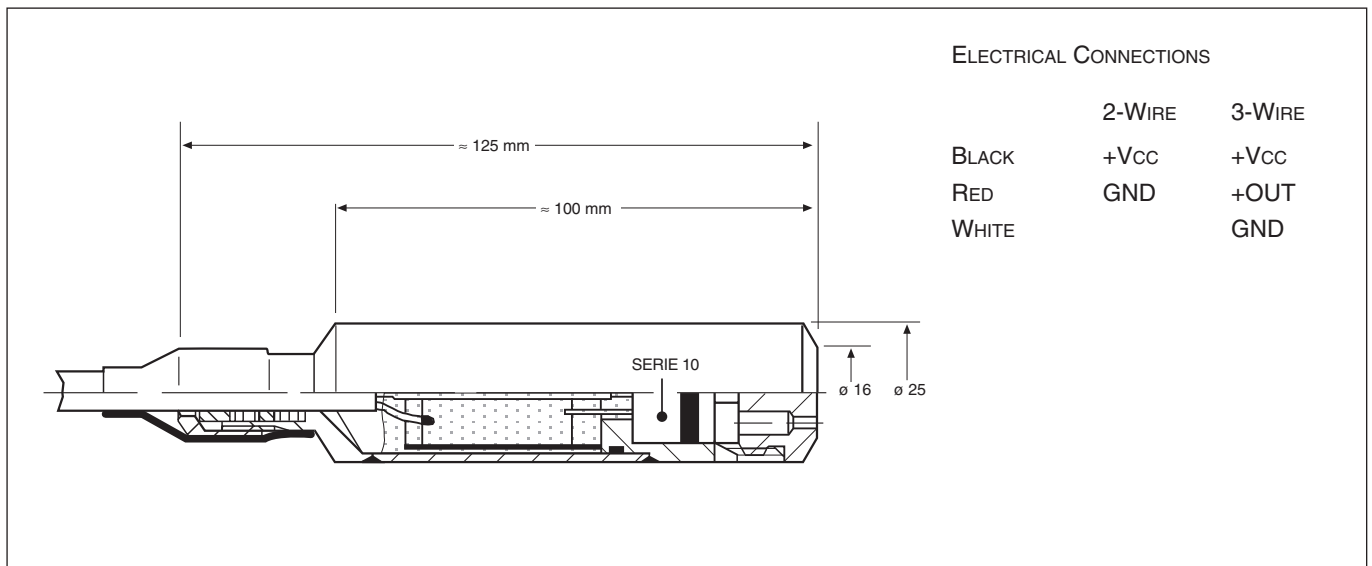
Compensated Temp. Range	0...50 °C (on demand -10...80 °C)
Storage-/Operating Temperature	-45...100 °C

Temperature Coefficients...	...of Zero, in %FS/°C	...of Sensitivity, in %/°C
· Range > 1 bar	0,005 typ. 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	1 mbar typ.	2 mbar max.

Type	2-Wire	3-Wire	3-Wire
Excitation (U)	8...30 VDC	13...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-5 V) / 0,02 A	> 5 k

Cable	ø7,3 or 5,8 mm, PE, integrated reference tube
Cable Length	Standard: 5 meter
Material in Media Contact	Stainless Steel 316 L, Viton®- or Silicone O-ring
Weight	≈ 200 g
Options	- Other cable lengths - Transducer: Platinum diaphragm, Hastelloy-housing - Others versions and pressure ranges on request



ELECTRICAL CONNECTIONS

	2-WIRE	3-WIRE
BLACK	+VCC	+VCC
RED	GND	+OUT
WHITE		GND

Subject to alterations

3/02

KELLER AG für Druckmesstechnik
KELLER Gesellschaft für Druckmesstechnik mbH

St. Gallerstrasse 119
Schwarzwaldstrasse 17

CH-8404 Winterthur
D-79798 Jestetten

Tel. 052 - 235 25 25
Tel. 07745 - 9214 - 0

Fax 052 - 235 25 00
Fax 07745 - 9214 - 50