



Probably the World's
smallest Pressure Transmitter



SMALLEST (Ø 11 mm) FULLY METALLIC

OEM PRESSURE TRANSMITTER

- Hermetically protected sensor electronics
- Extremely resistant to environmental influences
- Highest accuracy due to smart compensation technics
- Easiest integration of the sensor into your application
- Hastelloy housing for use in aggressive media
- Superb EMC-protection (Faraday cage)
- Good shock and vibration resistance
- Highest flexibility thanks to small dimensions ($\geq \text{Ø } 11 \text{ mm}$)

Specifications of the Analog Series (C-Line)

Pressure Ranges	1...30 bar rel. / 1...1000 bar abs.
Accuracy	$\pm 0,25 \text{ \%FS}$
Total Error Band	$\pm 0,8 \text{ \%FS}$
Operating Temp.	-40...150 °C
Sampling Rate	2 kHz
Supply	5,0 VDC $\pm 0,5 \text{ V}$
Signal Output	0,5...4,5 V ratiometric
Reverse Polarity and Overvoltage Protection	$\pm 33 \text{ VDC}$ (permanently on all leads)

Specifications of the Digital Series (D-Line)

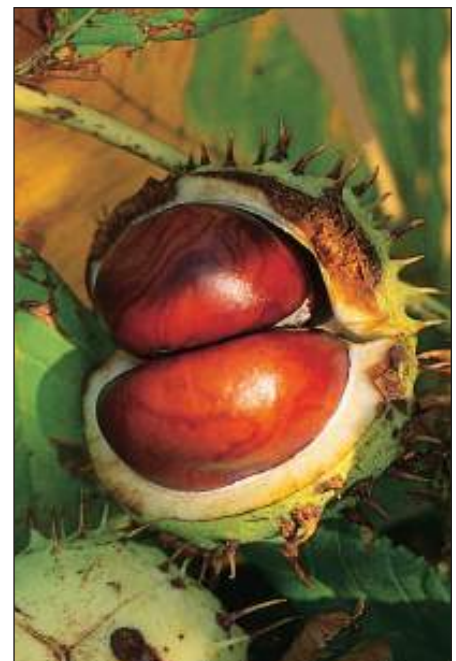
Pressure Ranges	0,3...30 bar rel., 1...1000 bar abs.
Accuracy	$\pm 0,15 \text{ \%FS}$
Total Error Band	$\pm 0,5 \text{ \%FS}$
Operating Temp.	-40...110 °C
Conversion Time	< 8 ms (for Pressure and Temperature)
Supply	1,8...3,6 VDC
Power Consumption	typ. 1,5 mA during conversion typ. 100 nA in idle mode
Signal Output	I ² C: Status-Byte, 15 Bit P [bar], ~12 Bit T [°C] - Low investment on wiring (bus capability) - Additional pin to signal the „End-of-Conversion“



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**SIGNAL CONDITIONER
& SENSOR IN ONE**



**LOW
POWER
TECHNOLOGY**