

NEW

Sensore di pressione Pressure transducer



The piezoelectric pressure transducer Series PE is using a ceramic microchip with four resistors connected as in a Wheatstone bridge on a synthesized base. The achieved signal is directly proportional to the applied pressure.

Technical Specification:

Range: 0-4 bars
 Overload: 8 bars
 breakdown pressure: 15 bars
 Accuracy: $\pm 1\%$ full scale
 Housing material: glass-fiber reinforced plastic
 Sealing: EPDM- HNBR-VITON
 Fluid temperature: 0 - 90 °C
 Ambient temperature: from -10 a 90 °C
 Dynamic: <1 msec
 Output load resistance >10 KOhm
 Accuracy:
 Linearity <+/- 0.7 % FS
 Zero point var. with temperature
 +/- 0.05 % FS/deg
 Sensitivity var. with temperature
 +/- 0.05 % FS/deg

Power :8 – 30 Vdc Output: 0,5 – 3,5 Vdc
 or
 Power: 5 VDC + - 10% Output: 0,5- 2,5 Vdc
 Absorption < 10 mA

Pressure Connections

Outside thread G1\8"
 Outside thread G 1\4"
 Outside thread G 3\8"
 Fast connection

ELECTRICAL CONNECTIONS

Type AMP duoplug

Customized connections will be available on demand

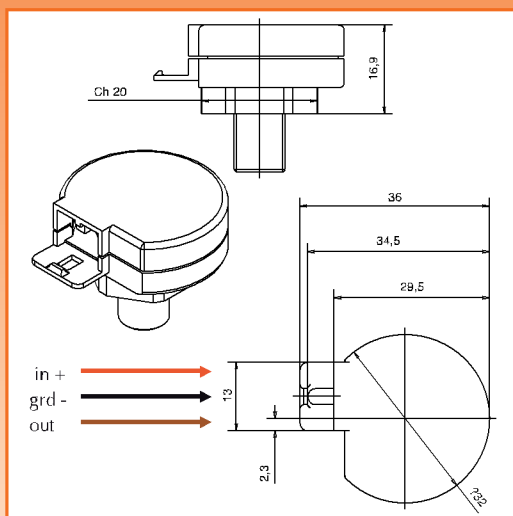
CE Marking

The product is designed only for installation in equipment which complies with EU directives. The customer is responsible for CE conformity.

Electromagnetic compatibility to directive

- EN 61000-4-6
 - EN 61000-4-3

CODE	IN	OUT	FITTING	O-RING
5220AA00	5Vdc $\pm$ 10%	0,5÷2,5 Vdc	G 4 1/4 M	I N C L U D E D
5220BB00	8-30 Vdc	0,5÷ 3,5 Vdc	G 4 1/4 M	
5230AA00	5Vdc $\pm$ 10%	0,5÷ 2,5 Vdc	G 4 3/8 M	
5230BB00	8-30 Vdc	0,5÷ 3,5 Vdc	G 4 3/8 M	
5240BB00	8-30 Vdc	0,5÷ 3,5 Vdc	Fast connection	
5250AB00	5Vdc $\pm$ 10%	0,5÷ 3,5 Vdc	Fast connection	



CALDAIE
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Wall
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