



PIEZO-RESISTIVE PRESSURE TRANSMITTER

FOR INDUSTRIAL APPLICATIONS, RATIOMETRIC OUTPUT

SERIES 21C

Technology

The C-series transmitters are noted for their ability to deliver high accuracy over a wide temperature range. This is achieved by means of mathematical modelling of the sensor characteristics and digital compensation. In order to do this, each transmitter is gauged over pressure and temperature, programmed and checked after calibration in the same test set-up.

The modular design of the Series 21C and the extensive vertical range of in-house manufacture provide a high degree of flexibility. The company can quickly adapt to customer requests, even with large production batches. The extensive standard range of connectors and pressure connections means that a CIO measuring cell (Chip-in-Oil) can be quickly welded in from stock if small numbers are involved, and then calibrated to the required temperature range.

RoHS conformity and comprehensive EMC protection are a matter of course, therefore qualifying the Series 21C for use in industrial areas.

Performance features

- Hermetically sealed electronics, extremely compact design
- No internal seals, all made from AISI 316L steel in media contact, IP67
- Extremely accurate, wide temperature range, outstanding long-term stability, no pressure hysteresis
- Ratiometric signal output, 5 V supply voltage, 24 V overvoltage and polarity reversal protection
- Low cost

Typical usage areas

Cooling and air conditioning systems, pneumatic systems, hydraulic systems, compressors, mechanical engineering, ventilation systems, pump systems etc.

Pressure connections and electrical connections can be combined without limitation.



7/16" -20UNF



7/16" -20UNF internal



G1/4"



