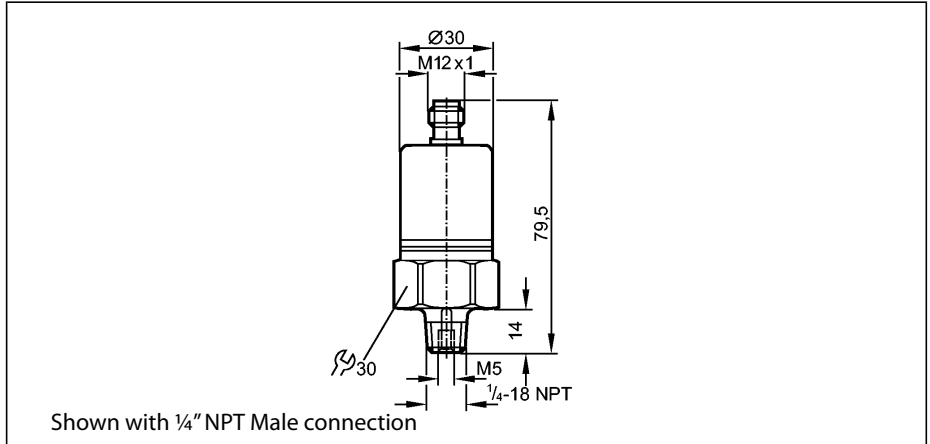


INDUSTRIAL PRESSURE TRANSMITTER WITHOUT DISPLAY

PX32 SERIES

Electronic Pressure Sensor PX32
 1/4" Male NPT Process Connection
 4 to 20 mA Output
 Available in the Following Ranges:
 -14.5 to 0 PSI - PX3229
 0 to 100" H₂O - PX3228
 0 to 15 PSI - PX3227
 0 to 30 PSI - PX3226
 0 to 100 PSI - PX3225
 0 to 200 PSI - PX3234
 0 to 250 PSI - PX3233
 0 to 1,000 PSI - PX3222
 0 to 3000 PSI - PX3111
 Connects with Water Tight
 Standard M12 Industrial Connector
(Cables and Connectors Sold Separately)



| | |
|---|--|
| Application | Type of pressure: relative pressure Liquids and gases |
| Electrical design | DC |
| Output | 4...20 mA analog |
| Operating Voltage (V) | 9.6...32 Volts DC |
| Reverse Polarity Protection | Yes |
| Overload Protection | Yes |
| Analog Output | 4...20 mA |
| Load for Analog Output (Ohms) | Max. (U _b - 9.6 V) x 50; 720 at U _b = 24 V |
| Pressure Rating (min) | 7 x Pressure Rating |
| Bursting Pressure (min) | 10 x Pressure Rating |
| Accuracy / deviations (in % of the span) | |
| Characteristics deviation *) | < ±0.35 (BFSL) / < ± 0.75 (LS) |
| Repeatability **) | < 0.15 |
| Long-term stability ***) | < ± 0.05 |
| Temperature coefficients (TEMPCO) in the temperature range -25...80° C (in% of the span per 10 K) | |
| greatest TEMPCO of the zero point | 0.2 |
| greatest TEMPCO of the span | 0.3 |



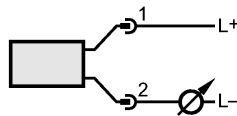


CHICAGO STAINLESS EQUIPMENT

PRESSURE TRANSMITTER

| | |
|---------------------------------------|---|
| Step response time analog output [ms] | 3 |
| Operating temperature [°C] | -25...80 |
| Medium temperature [°C] | -25...90 |
| Storage temperature [°C] | -40...100 |
| Protection | IP 65, III |
| Insulation resistance [MΩ] | > 100 (500 V DC) |
| Shock resistance | DIN IEC 68-2-27: 50 g (11 ms) |
| Vibration resistance | DIN IEC 68-2-6: 20 g (10...2000 Hz) |
| Min. pressure cycles | 100 million |
| EMC | EN 61000-4-2 ESD: 4 kV CD / 8 kV AD EN 61000-4-3 HF Radiated: 30 V/m EN 61000-4-4 Burst: 2 kV EN 61000-4-6 HF Conducted: 10 V |
| Housing material | stainless steel (316S12); FPM (Viton); PA; EPDM/X (Santoprene) |
| Materials (wetted parts) | stainless steel (303S22); ceramics; FPM (Viton) |
| Connection | M12 Connector; Gold Plated Contacts |
| Remarks | The device shall be supplied from an isolating source and protected by an overcurrent device such that the limited voltage circuit requirements in accordance with UL 508 are met. *) BFSL = Best Fit Straight Line / LS = Limit Value Setting **) with temperature fluctuations < 10 K ***) in % of value of measuring range / 6 months ****) -40...90 °C upon request |

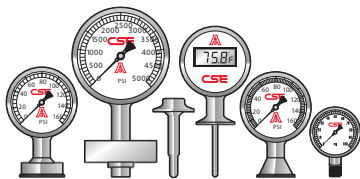
Wiring



Visit our website or request a catalog to see our complete line of high quality precision products including:
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