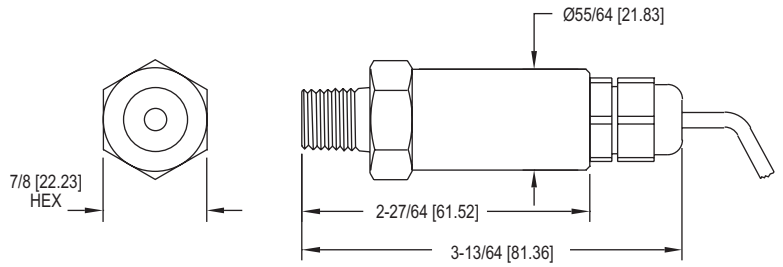


OEM PRESSURE TRANSMITTERS

±1.0% FS Accuracy, NEMA 4X (IP66)



The **Series 628CR OEM Pressure Transmitters**, contain a low cost ceramic sensor enclosed in a compact, rugged, NEMA 4X (IP65) stainless steel body. Ideal for the budget conscious OEMs that require high levels of performance, reliability and stability at an unbeatable price. The 628CR enclosure is small and lightweight for optimum compatibility with OEM systems. The design allows for a variety of pressure ranges from 30 to 500 psi and optional electrical connections allowing you to select the right transmitter for your application.

FEATURES/BENEFITS

- NEMA 4X rated enclosure provides protection in harsh environments permitting outdoor monitoring or in applications where dust and particulate matter exists
- A wide range of models that can meet exacting pressure measurement application specifications
- High reliability and response provides excellent control in demanding OEM applications

APPLICATIONS

- Pump monitoring
- Compressors
- Irrigation equipment
- HVAC
- Pneumatic systems

SPECIFICATIONS

- Service:** Compatible gases and liquids.
- Wetted Materials:** Ceramic, fluoroelastomer, 316L SS.
- Accuracy:** ±1.0% FS (includes linearity, hysteresis and repeatability).
- Stability:** ±0.25% FS/year.
- Temperature Limits:** 0 to 185°F (-18 to 85°C).
- Compensated Temperature Range:** 0 to 175°F (-18 to 79°C).
- Pressure Limit:** Max pressure: 2x range; Burst pressure: 3x range.
- Thermal Effect:** ±0.04% FS/°F.
- Power Requirements:** 9 to 30 VDC.
- Output Signal:** 4 to 20 mA.
- Response Time:** 3 ms typ.
- Loop Resistance:** 0 to 1200 Ω max.
- Current Consumption:** 40 mA max.
- Electrical Connections:** Cable or DIN connector.
- Process Connection:** 1/4" male NPT or 1/4" male BSPT.
- Enclosure Rating:** NEMA 4X (IP66).
- Mounting Orientation:** Mount in any position.
- Weight:** 4.0 oz.
- Agency Approvals:** CE.

| MODEL CHART | | | | | | | |
|------------------------------|-------|--|-----|----------|----------------|------------|--|
| Example | 628CR | -08 | -GH | -P1 | -E1 | -S1 | 628CR-08-GH-P1-E1-S1 |
| Series | 628CR | | | | | | Pressure transmitter |
| Range | | 08 09 10 12 13 14 71 90 91 75 92 93 81 | | | | | 0 to 30 psi 0 to 50 psi 0 to 100 psi 0 to 200 psi 0 to 300 psi 0 to 500 psi 0 to 2.5 bar 0 to 4 bar 0 to 6 bar 0 to 10 bar 0 to 16 bar 0 to 25 bar 0 to 40 bar |
| Housing | | | GH | | | | General purpose housing |
| Process Connection | | | | P1 P3 | | | 1/4" male NPT 1/4" male BSPT |
| Electrical Connection | | | | | E1 E3 E4 | | Cable gland with 3' of prewired cable Cable gland with 9' of prewired cable DIN EN 175801-803-C |
| Signal Output | | | | | | S1 | 4 to 20 mA |
| Options | | | | | | AT NIST | Aluminum tag NIST traceable certificate |