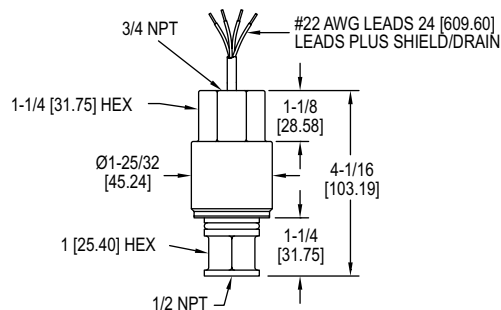


FIXED RANGE PRESSURE TRANSMITTER

Stainless Steel, Explosion-Proof, Accuracy $\pm 0.30\%$, 4-20 mA or 1-5 VDC Signal

CALIBRATION SERVICES AVAILABLE



The **Series 636 Fixed Range Pressure Transmitter** is a low cost, fixed range, stainless steel transmitter with $\pm 0.30\%$ accuracy. It is designed to continuously measure pressure for years in even the toughest environmental and media conditions. Transmitters are explosion-proof, (FM approved) and meet NACE standards for off-shore applications.

BENEFITS/FEATURES

- Long service life and lower cost to maintain reduces total cost of ownership
- Explosion-proof housing for use in applications where protection of process and personnel is needed

APPLICATIONS

- Off-shore
- Process applications

MODEL CHART

Model	Output	Operating Range, psi	Operating Range, bar
636-0	4-20 mA	0 to 15	0 to 1
636-1	4-20 mA	0 to 30	0 to 2
636-2	4-20 mA	0 to 100	0 to 7
636-3	4-20 mA	0 to 300	0 to 20

OPTIONS

Use order code:	Description
NISTCAL-PT1	NIST traceable calibration certificate

SPECIFICATIONS

Service: Liquid, gas or vapor.

Wetted Materials: 316L SS.

Fill Fluid: DC 200 silicone (standard).

Accuracy: $\pm 0.30\%$ of calibrated span including linearity hysteresis and repeatability (BFSL) at 25°C (77°F) and 12 VDC excitation.

Stability: $\pm 0.5\%$ of upper range limit for six months.

Temperature Limits: Electronics (ambient): -40 to 140°F (-40 to 60°C); Process interface: -40 to 212°F (-40 to 100°C).

Pressure Limits: 300% upper range limit.

Compensated Temperature Range: -20 to 180°F (-29 to 82°C).

Thermal Effect: (includes zero and span). Between -20 and 180°F (-29 and 82°C). $\pm 2.0\%$ per 50°F (28°C).

Power Requirements: 12-30 VDC (636), 8-14 VDC (636LP), reverse polarity protection.

Output Signal: 4-20 mA DC, limited to 30 mA DC (636), 1-5 VDC (636LP).

Zero and Span Adjustments: Null: 4.0 mA $\pm 2\%$ span (636), 1 VDC $\pm 1\%$ span (636LP); Span: 16.0 mA $\pm 1\%$ span (636), 4 VDC $\pm 1\%$ span (636LP).

Loop Resistance: 900 Ω max @ 30 V.

Electrical Connection: 3/4" female NPT 24" (61 cm), 22 AWG.

Process Connection: 1/2" female NPT.

Enclosure Rating: NEMA 4 (IP56).

Weight: 0.83 lb (374 g).

Compliance: CSA, FM.

FM and CSA approved explosion-proof for Class I, Division 1, Groups B, C, and D, Class II Groups E, F, and G Class III.