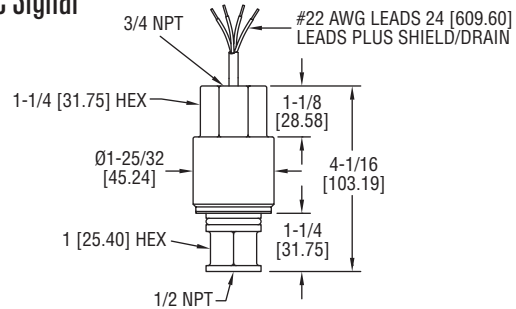


FIXED RANGE PRESSURE TRANSMITTER

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



The **SERIES 636** 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.

FEATURES/BENEFITS

- 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			
4 to 20 mA OUT	1 to 5 VDC OUT	Operating Range, PSI	Operating Range, Bar
636-0	636-0-LP	0 to 15	0 to 1
636-1	636-1-LP	0 to 30	0 to 2
636-2	636-2-LP	0 to 100	0 to 7
636-3	636-3-LP	0 to 300	0 to 20

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

SPECIFICATIONS

Service: Liquid, gas or vapor.
Wetted Materials: 316 L SS.
Fill Fluid: DC 200 silicone (standard).
Accuracy: $\pm 0.30\%$ of calibrated span.
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 to 30 VDC (636), 8 to 14 VDC (636LP), reverse polarity protection.
Output Signal: 4 to 20 mA DC, limited to 30 mA DC (636), 1 to 5 VDC (636LP).
Zero & 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).
Agency Approvals: CSA, FM.
 FM and CSA approved explosion-proof for Class I, Division 1, Groups B, C, & D, Class II Groups E, F, & G Class III.