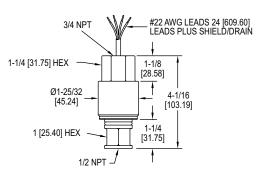


## ED RANGE PRESSURE TRANSMITTER

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 ±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 offshore 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

## **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: ±0.30% of calibrated span including linearity hysteresis and repeatability

(BFSL) at 25°C (77°F) and 12 VDC excitation. Stability: ±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).

±2.0% per 50°F (28°C).

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

Output Signal: 4-20 mA DC, limited to 30 mA DC (636), 1-5 VDC (636LP). Zero and Span Adjustments: Null: 4.0 mA ±2% span (636),1 VDC ±1% span

(636LP); Span: 16.0 mA ±1% span (636), 4 VDC ±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.