

^{Series} Fixed Range Pressure Transmitter

Stainless Steel, Explosion-proof, Accuracy $\pm 0.30\%$, 4-20 mA or 1-5 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. Select from 4 ranges to 0 to 300 psig (0 to 20 bar) with choice of 4 to 20 mA output (model 636) or 1 to 5 VDC output (model 636LP). Transmitters are explosion-proof, (FM approved) and meet NACE standards for offshore applications.

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

OPTION

For NIST traceable calibration certificate, use order code NISTCAL-PT1.

SPECIFICATIONS

Service: Liquid, gas or vapor. Wetted Materials: 316 L SS. Fill Fluid: DC 200 silicone (standard). Accuracy: ±0.30% of calibrated span. 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 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).

Żero & 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 II, Division 1, Groups B, C, & D, Class II Groups E, F, & G Class III.