

Series 636 Fixed Range Pressure Transmitter Stainless Steel, Explosion-proof, Accuracy ±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 ±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 0-300 psig (0-20 bar) with choice of 4-20 mA output (model 636) or 1-5 VDC output (model 636LP). Transmitters are explosionproof, (FM approved) and meet NACE standards for offshore applications.

4-20 mA OUT	
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	

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

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

Zero & Span Adjustments: Null: 4.0mA ±2% span (636).1VDC ±1% span (636LP): Span: 16.0 mA ±1% span (636), 4 VDC ±1% span (636LP).

Loop Resistance: 900 ohms max

@ 30 V

Electrical Connection: 3/4" female NPT

24" (61 cm), 22 AWG.

Process Connection: 1/2" female NPT. Enclosure Rating: NEMA 4 (IP65).

Weight: 0.83 lb (374 g). Agency Approvals: FM, CSA.

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