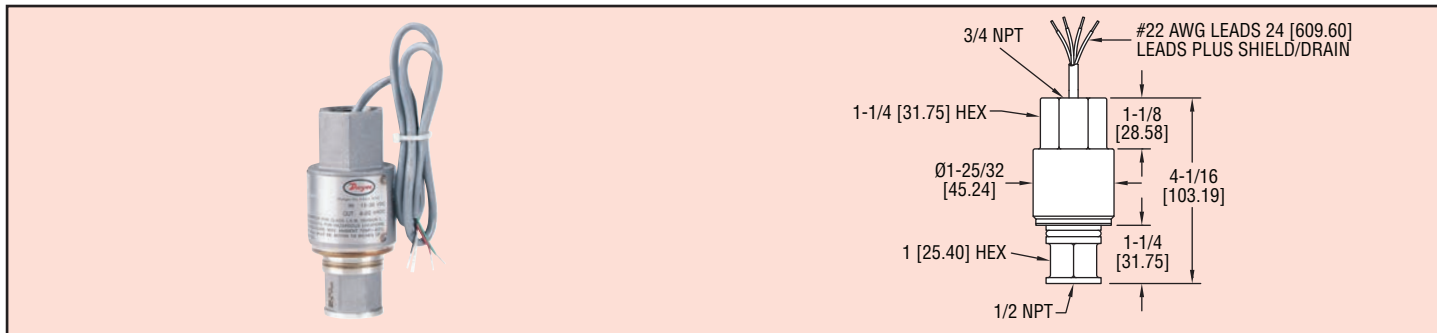




Series
636

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 OUT | 1 to 5 VDC OUT | Operating Range, PSI | Operating 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: $\pm 0.30\%$ 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.