



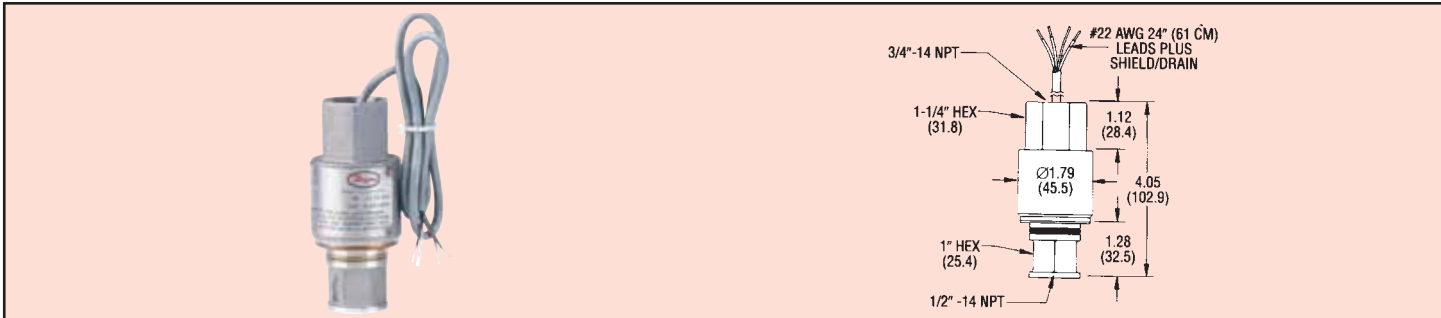
Series
636

Fixed Range Pressure Transmitter

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



Pressure



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 0-300 psig (0-20 bar) with choice of 4-20 mA output (model 636) or 1-5 VDC output (model 636LP). Transmitters are explosion-proof, (FM approved) and meet NACE standards for offshore applications.

Model Number		Operating Range, PSI	Operating Range, Bar
4-20 mA OUT	1-5 VDC 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: $\pm 0.30\%$ 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: 4-20 mA DC, limited to 30 mA DC (636), 1-5 VDC (636LP).

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