Single Pressure Transmitters

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

- **Model**: 636-0, 636-1, 636-2, 636-3
- **Operating Range, PSI**: 0-15, 0-30, 0-100, 0-300
- **Price**: $564.00, $564.00, $564.00, $564.00

**OPTIONS**

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

Items are subject to Schedule B discounts.

**Series 637 Pressure Transmitter**

Stainless Steel, Explosion-proof, Accuracy ±0.25%, 4-20 mA Signal

- **Model**: 637-0, 637-1, 637-2, 637-3
- **Operating Range, PSI**: 0-15, 0-30, 0-100, 0-300
- **Price**: $135.00, $135.00, $135.00, $135.00

**OPTIONS**

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

Items are subject to Schedule B discounts.

**SPECIFICATIONS**

- **Service**: Liquid, gas or vapor.
- **Wetted Materials**: 316 L SS.
- **Accuracy**: ±0.25% of calibrated span.
- **Stability**: ±0.5% of upper range limit for six months.
- **Temperature Limits**: Process interface -40 to 140°F (-40 to 60°C); Process connection -300°F (-195°C) to 212°F (+100°C).
- **Pressure Limits**: 300% upper range limit.
- **Compensated Temperature Range**: -20 to 180°F (-29 to 82°C).
- **Thermal Effect**: ±2.0% per 50°F (28°C).
- **Power Requirements**: 12 to 30 VDC (636), 8 to 14 VDC (636LP), reverse polarity protection.
- **Zero & 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.
- **Enclosure Rating**: NEMA 4 (IP56).
- **Weight**: 0.83 lb (374 g).
- **Agency Approvals**: CSA, FM.

**Series 637 Pressure Transmitters** are durable and compact with all welded 316 SS construction and exceptional ±0.25% accuracy. Four ranges are offered up to 0 to 300 psig (0-20 bar). Zero and span are adjustable to ±10% each; range turndown is a full 5:1. Integral junction box simplifies field wiring. Output is 4 to 20 mA with 12 to 40 VDC power supply. Units are explosion-proof, intrinsically safe with FM approval and they meet NACE standards for offshore applications.

- **Price**: $1068.00

**OPTIONS**

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

Items are subject to Schedule B discounts.

**SPECIFICATIONS**

- **Service**: Liquid, gas or vapor.
- **Wetted Materials**: 316 L SS.
- **Accuracy**: ±0.25% of calibrated span.
- **Stability**: ±0.5% of upper range limit for six months.
- **Temperature Limits**: Process interface -40 to 140°F (-40 to 60°C); Process connection -300°F (-195°C) to 212°F (+100°C).
- **Pressure Limits**: 300% upper range limit.
- **Compensated Temperature Range**: -20 to 180°F (-29 to 82°C).
- **Thermal Effect**: ±2.0% per 50°F (28°C).
- **Power Requirements**: 12 to 40 VDC with rev. 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 ±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.
- **Enclosure Rating**: NEMA 4 (IP56).
- **Weight**: 0.83 lb (374 g).
- **Agency Approvals**: CSA, FM.