The **Series 636 Fixed Range 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. Transmitters are explosion-proof, (FM approved) and meet NACE standards for offshore applications.

### BENEFITS/FEATURES
- Long service life and lower cost to maintain reduces total cost of ownership
- Explosion-proof housing for use in applications where protection of process and personnel is needed

### APPLICATIONS
- Off-shore
- Process applications

### SPECIFICATIONS
- **Service:** Liquid, gas or vapor.
- **Wetted Materials:** 316L SS.
- **Fill Fluid:** DC 200 silicone (standard).
- **Accuracy:** ±0.30% of calibrated span including linearity, hysteresis and repeatability (BFSL) at 25°C (77°F) and 12 VDC excitation.
- **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:** 12-30 VDC (636), 8-14 VDC (636LP), reverse polarity protection.
- **Output Signal:** 4-20 mA DC, limited to 30 mA DC (636), 1-5 VDC (636LP).
- **Zero and 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.
- **Process Connection:** 1/2” female NPT.
- **Enclosure Rating:** NEMA 4 (IP56).
- **Weight:** 0.83 lb (374 g).
- **Compliance:** CSA, FM.

### OPTIONS
- **Use order code:** Description
  - NISTCAL-PT1: NIST traceable calibration certificate