The Series 682 Industrial Pressure Transmitter is designed to withstand environmental effects such as shock, vibration, temperature, and EMI/RFI. The electronics and capacitive sensor are packaged in a welded stainless steel housing and meets NEMA 4 (IP65) protection ratings.

**FEATURES/BENEFITS**
- Weather-proof welded housing provides device protection for outdoor use or harsh environment operation
- Not affected by environmental effects such as temperature, shock, vibration, and EMI/RFI provides reliable switching for equipment
- External span and zero adjustments reduce installation and service time

**APPLICATIONS**
- Off-road equipment
- Industrial refrigeration
- Industrial engines
- Compressor control
- Hydraulic systems
- Industrial refrigeration

**SPECIFICATIONS**
- Service: Compatible liquids and gases.
- Wetted Parts: 318 duplex SS, ceramic, fluoroelastomer (FKM).
- Housing Material: 318 stainless steel.
- Accuracy: ±0.25% FS (SS). Includes non-linearity, hysteresis, and non-repeatability.
- Pressure Limits: -5 to 140°F (-20 to 60°C).
- Compensated Temperature Limits: -5 to 140°F (-20 to 60°C).
- Stability: 0.25% FS/1 year.
- Temperature Limits: -40 to 212°F (-40 to 100°C).
- Compensated Temperature Limits: -5 to 140°F (-20 to 60°C).
- Power Requirements: 4 to 20 mA; 9 to 35 VDC; 0 to 5 VDC. Span: 1.0%FS/100°F (2.0%FS/100°C).
- Zero & Span Adjustment: ±10% FS each (by potentiometer).
- Response Time: 5 ms.
- Max Loop Resistance: 800 Ω.
- Electrical Connections: 2 ft (51 cm) multiconductor cable.
- Process Connection: 1/4” male NPT.
- Weight: 8 oz (227 g).
- Vibration: 200 g operating.

**OPTIONS**
- Use order code: NISTCAL-PT1 NIST traceable calibration certificate $139.00

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The Series 672 Low Pressure Transducer is a perfect solution to any low pressure application. Using variable capacitance technology, the Series 672 is designed to measure pressures as low as 10 in w.c. up to 400 in w.c., very low ranges for a single connection pressure transducer. The Series 672 also features a 0.25% FS accuracy. Use the Series 672 in liquid level, flood warning, waste water, clean room, and open channel flow applications.

**FEATURES/BENEFITS**
- Low range high accuracy provides precise control for process applications

**APPLICATIONS**
- Liquid level
- Flood warning
- Waste water
- Clean room
- Open flow applications

**SPECIFICATIONS**
- Service: Compatible liquids and gases.
- Wetted Materials: 318 duplex SS, ceramic, fluoroelastomer (FKM).
- Housing Material: 318 stainless steel.
- Accuracy: ±0.25% FS (SS). Includes non-linearity, hysteresis, and non-repeatability.
- Pressure Limits:
  - 29 psi (2 bar) for up to 85 in w.c. (0.2 bar) ranges;
  - 58 psi (4 bar) for up to 176°F (-20 to 80°C).
- Compensated Temperature Limits:
  - -40 to 125°C (10 to 90°F); non-condensing
  - -40 to 260°F
- Thermal Effects:
  - Zero: ±0.25% FS (RSS).
  - ±0.13% FS (includes non-linearity, hysteresis, and non-repeatability).
  - ±.13% FS (includes non-linearity, hysteresis, and non-repeatability).
- Accuracy:
  - ±0.25% FS (includes non-linearity, hysteresis, and non-repeatability).
  - ±0.13% FS (includes non-linearity, hysteresis, and non-repeatability).
- Response Time: 5 ms.
- Max Loop Resistance: 800 Ω.
- Electrical Connections: 2 ft (51 cm) multiconductor cable.
- Process Connection: 1/4” male NPT.
- Weight: 11.6 oz (330 g).

**OPTIONS**
- Use order code: NISTCAL-PT1 NIST traceable calibration certificate $139.00

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**INDUSTRIAL PRESSURE TRANSMITTER**
- ±0.13% FS Accuracy, External Adjustments, 4 to 20 mA Output

**FEATURES/BENEFITS**
- Open flow applications
- Clean room
- Waste water
- Low range high accuracy provides precise control for process applications

**APPLICATIONS**
- External span and zero adjustments reduce installation and service time
- Use the Series 672 in liquid level, flood warning, waste water, very low ranges for a single connection pressure transducer. The Series 672 is designed to measure pressures as low as 10 in w.c. up to 400 in w.c., low pressure transducer is necessary. Using variable capacitance technology, the Series 672 is a perfect solution to any application where a very accurate low pressure transducer is necessary.

**SERIES 672**
- LOW PRESSURE TRANSDUCER
  - Single Pressure Connection, Ranges down to 10 in w.c.