**Series 682 Industrial Pressure Transmitter**

- ±0.13% FS Accuracy
- External Adjustments
- 4-20 mA Output

**Applications**
- Off-road equipment
- Hydraulic systems
- Industrial engines

**Features/Benefits**
- Low range high accuracy provides precise control for process applications
- External span and zero adjustments reduce installation and service time
- Not affected by environmental effects such as temperature, shock, vibration, and EMI/RFI. The Series 682 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 682 is a perfect solution to any application where a very accurate low pressure measurement is necessary. The Series 682 also features a 0.25% FS accuracy. Use the Series 682 in liquid level, flood warning, waste water, open channel applications.

**Specifications**
- Service: Compatible liquids and gases.
- Wetted Parts: 17-4 PH SS.
- Accuracy: ±0.13% FS (includes non-linearity, hysteresis and non-repeatability).
- Pressure Limit: See table.
- Temperature Limits: -40 to 140°F (-20 to 60°C) for 85 to 400 in w.c. (0.2 to 0.35 bar); 29 psi (2 bar) for up to 85 in w.c. (0.2 bar) ranges; 58 psi (4 bar) for 85 to 140 in w.c. (0.2 to 0.35 bar); 73 psi (5 bar) for 141 to 400 in w.c. (0.35 to 1 bar).
- Thermal Effect: Zero shift: 0.1% FS/100°F span shift: ±1.5% FS/100°F.
- Stability: 0.25% FS/1 year.
- Compensated Temperature Limits: -5 to 140°F (-20 to 60°C).
- Response Time: 5 ms.
- Loop Resistance: 800 Ω.
- Electrical Connections: 2 ft (51 cm) multi-conductor cable.
- Process Connection: 1/4” male NPT.
- Weight: 8 oz (227 g).

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

**Series 672 Low Pressure Transducer**

**Single Pressure Connection, Ranges down to 10 in w.c.**

The Series 672 Low Pressure Transducer is a perfect solution to any application where a very accurate low pressure transducer is necessary. 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.

**Applications**
- Liquid level
- Flood warning
- Waste water

**Features/Benefits**
- Low range high accuracy provides precise control for process applications
- Not affected by environmental effects such as temperature, shock, vibration, and EMI/RFI.
- Low Pressure Transducer is a perfect solution to any application where a very accurate low pressure measurement is necessary. The Series 672 also features a 0.25% FS accuracy. Use the Series 672 in liquid level, flood warning, waste water, open channel applications.

**Specifications**
- Service: Compatible liquids and gases.
- Wetted Materials: 318 duplex SS, ceramic, fluoroelastomer (FKM).
- Housing Material: 318 stainless steel.
- Accuracy: ±0.25% FS (RSS). Includes non-linearity, hysteresis, and non-repeatability.
- Pressure Limit: See table.
- Temperature Limits: -40 to 212°F (-40 to 100°C).
- Compensated Temperature Limits: -40 to 212°F (-40 to 100°C).
- Thermal Effects: Zero: 0.1% FS/100°F (2.0% FS/100°C); Span: 1.0% FS/100°F (2.0%FS/100°C).
- Power Requirements: 4-20 mA: 9-35 VDC; 0-5 VDC: 7.5-35 VDC.
- Zero & Span Adjustment: ±0.5 mA, 2-wire.
- Response Time: 5 ms.
- Max Loop Resistance: 1.325 kΩ.
- Electrical Connections: Large DIN 43650 connector with mating plug.
- Process Connection: 1/4”-18 NPT male.
- Weight: 11.6 oz (330 g).

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