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

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
- Compressor control
- Industrial refrigeration
- Industrial engines
- Hydraulic systems
- Waste water
- Flood warning
- Liquid level

**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 672 also features a 0.25% FS accuracy. Use the Series 672 in liquid level, flood warning, waste water, very clean rooms, and meet NIST traceable calibration certificate.

**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 shock, vibration, temperature, and EMI/RFI. The 672 also features the Series 672 in liquid level, flood warning, waste water, and meets NEMA 4 (IP65) protection ratings.
- The electronics and capacitive sensor are packaged in a welded stainless steel housing

**APPLICATIONS**
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**SPECIFICATIONS**
- Service: Compatible liquids and gases.
- Wetted Parts: 316L duplex SS, ceramic, fluoroelastomer (FKM).
- Housing Material: 318 stainless steel.
- Accuracy: ±0.25% FS (RSS). Includes non-linearity, hysteresis, and non-repeatability.
- Stability: 0.25% FS/1 year.
- Temperature Limits: -40 to 212°F (-40 to 100°C).
- Pressure Limits: 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 Effects: Zero: 1.0% FS/100°F (2.0% FS/100°C); Span: 1.0% FS/100°F.
- Response Time: 5 ms.
- Max Loop Resistance: 1.325 kΩ.
- Electrical Connections: 2 ft (51 cm) multiconductor cable.
- Process Connection: 1/4” male NPT.
- Weight: 8 oz (227 g).
- Shock: 200 g operating.
- Vibration: 20 g 50-2000 Hz.

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

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**APPLICATIONS**
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- Industrial engines
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- Liquid level

**SPECIFICATIONS**
- Service: Compatible liquids and gases.
- Wetted Parts: 17-4 PH SS.
- Accuracy: ± 0.13% FS (includes non-linearity, hysteresis and non-repeatability).
- Temperature Limits: -40 to 260°F (-40 to 125°C) 10 to 90% RH, non-condensing.
- Pressure Limit: See table.
- Compensated Temperature Range: -4 to 176°F (-20 to 80°C).
- Thermal Effect: Zero shift: 1.0% FS/100°F (2.0%FS/100°C).
- Power Requirements: 9 to 30 VDC.
- Output Signal: 4 to 20 mA, 2-wire.
- Non-interactive.
- Response Time: 5 ms.
- Loop Resistance: 800 Ω.
- Electrical Connections: 2 ft (51 cm) multiconductor cable.
- Process Connection: 1/4” male NPT.
- Weight: 8 oz (227 g).
- Shock: 200 g operating.
- Vibration: 20 g 50-2000 Hz.

**OPTIONS**
- Use order code: Description
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