

**SERIES 673**

**PRESSURE TRANSMITTER**

+ ±0.25% Full-Scale Accuracy, 4-20 mA Signal, Ranges to 1000 psi

**CALIBRATION SERVICES AVAILABLE**

The low cost Series 673 Pressure Transmitter is a fixed range transmitter designed for harsh environments and suitable for high shock and vibration applications. Constructed of stainless steel, the Series 673 provides a 4-20 mA output signal with 0.25% accuracy. Use the Series 673 in industrial OEM equipment, hydraulic systems, HVAC equipment, industrial engines and compressor control.

**BENEFITS/FEATURES**

- High-shock and vibration resistant insures stability in controlling pressure for process applications
- Non-Liquid Filled, ±0.5% Full-Scale Accuracy, Stainless Steel Wetted Parts
- Industrial engines
- OEM

**APPLICATIONS**

- HVAC equipment
- Industrial engines
- Compressor control.

**SPECIFICATIONS**

Service: Liquid, gas, or vapor.
Wetted Materials: 17-4 PH SS
Accuracy: ±0.25% FSFSL (RSS), (includes non-linearity, hysteresis and non-repeatability).
Temperature Limits: -40 to 185°F (-40 to 85°C).
Compensated Temperature Limits: -40 to 176°F (-40 to 80°C).
Pressure Limits: 2 x max range.
Power Requirements: 9-30 VDC.
Output: 4-20 mA, 2-wire.
Zero and Span Adjustment: Fixed.
Response Time: 5 ms.
Loop Resistance: 0 to 800 Ω.
Stability: 0.5% FS/year.
Shock: 200 g.
Vibration: 20 g.
Electrical Connections: 2 ft (61 cm) multiconductor cable.
Conduit Connection: 1/4-18 (22.3 mm) knockout.
Enclosure: SS and Valox.
Weight: 2.3 oz (65 g).

**OPTIONS**

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

**SERIES FDT**

**FLUSH DIAPHRAGM TRANSMITTER**

Non-Liquid Filled, ±0.5% Full-Scale Accuracy, Stainless Steel Wetted Parts

**CALIBRATION SERVICES AVAILABLE**

The Series FDT Flush Diaphragm Transmitter is designed for highly cyclical conditions. Flush sensor feature prevents any potential inaccuracies due to build-up or blockage which is a typical problem found in most non-flush transmitter sensors.

**BENEFITS/FEATURES**

- Performs well in high cyclical environments with the presence of water-hammering or spiking for long service life

**APPLICATIONS**

- OEM
- Hydraulic systems
- Process systems

**MODEL CHART**

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**SPECIFICATIONS**

Service: Compatible liquids and gases, adhesives, slurries, materials that can harden, or where a pressure cavity is not desired.
Wetted Materials: 316 and 15-5 SST.
Accuracy: ±0.5% FS (includes non-linearity, hysteresis, and repeatability).
Stability: ±0.25% FS per year.
Temperature Limits: -40 to 200°F (-40 to 93°C).
Compensated Temperature Limits: 0 to 170°F (-18 to 77°C).
Pressure Limit: 150% FS; Burst: 200% FS.
Thermal Effect: ±1.5% FSO over compensated range.

**OPTIONS**

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

**ACCESSORIES**

Model | Description
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A-168  | Mating connector for 4 pin M-12