**SERIES 673**

**PRESSURE TRANSMITTER**

±0.25% FS Accuracy, 4-20 mA Signal, Ranges to 1000 psi

![Cable Anchor](image1)

![Conduit Version](image2)

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 to 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.

**FEATURES/BENEFITS**

- High shock and vibration resistant insures stability in controlling pressure for process applications
- OEM
- Hydraulic systems
- Industrial engines
- Process systems
- HVAC equipment

**APPLICATIONS**

- Performs well in high cyclical environments with the presence of water-hammering or blockage which is a typical problem found in most non-flush transmitter sensors.

**SPECIFICATIONS**

- Service: Liquid, gas, or vapor
- Wetted Materials: 17-4 PH SS
- Accuracy: ±0.25% FS (RSS), (includes non-linearity, hysteresis and non-repeatability)
- Temperature Limits: -40 to 185°F (-40 to 85°C)
- Compensated Temperature Limits: -40 to 170°F (-40 to 77°C)
- Pressure Limit: 150% FS; Burst: 200% to 170°F (-18 to 77°C)
- Pressure Limits: 2 x max range
- Thermal Errors: -2% ±0.6% FS/10°F(100°C); Span: ±2.7% FS/100°F(100°C)
- Power Requirements: 9 to 30 VDC

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>673-1</td>
<td>0 to 1</td>
<td>$213.00</td>
</tr>
<tr>
<td>673-2</td>
<td>0 to 2</td>
<td>$277.00</td>
</tr>
<tr>
<td>673-3</td>
<td>0 to 5</td>
<td>$277.00</td>
</tr>
<tr>
<td>673-4</td>
<td>0 to 10</td>
<td>$277.00</td>
</tr>
<tr>
<td>673-5</td>
<td>0 to 25</td>
<td>$277.00</td>
</tr>
<tr>
<td>673-6</td>
<td>0 to 50</td>
<td>$277.00</td>
</tr>
<tr>
<td>673-7</td>
<td>0 to 100</td>
<td>$277.00</td>
</tr>
<tr>
<td>673-8</td>
<td>0 to 1000</td>
<td>$277.00</td>
</tr>
</tbody>
</table>

*The model numbers followed by a “C” represent the conduit version, which is hand tightened to ensure proper electrical seal.

**OPTIONS**

- Use order code: Description Price
- NISTCAL-PT1 NIST traceable calibration certificate $139.00

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**SERIES FDT**

**FLUSH DIAPHRAGM TRANSMITTER**

Non-Liquid Filled, ±0.5% FS Accuracy, SS Wetted Parts

![FLUSH DIAPHRAGM TRANSMITTER](image3)

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.

**FEATURES/BENEFITS**

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

**SPECIFICATIONS**

- Service: Compatible liquids and gases, adhesives, slurries, materials that can harden, or where a pressure cavity is not desired
- Wetted Materials: 316 & 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
- Power Requirements: 8 to 38 VDC
- Output Signal: FDT-A: 4 to 20 mADC; FDT-V: 0 to 5 VDC
- Response Time: <1 ms
- Loop Resistance: FDT-A: 0 to 1.5 Ω; FDT-V: 0 to 100 Ω
- Electrical Connections: 4-pin, Process Connection: 7/16-20 UNF male flush diaphragm. Optional 1/4˝ male NPT
- Enclosure Rating: NEMA 4X (IP66)
- Mounting Orientation: Mount in any position
- Weight: 2 oz (57 g)
- Agency Approvals: CE.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-168</td>
<td>Mating connector for 4 pin M-12</td>
<td>$69.50</td>
</tr>
</tbody>
</table>

* Items are subject to Schedule B discounts.

**OPTIONS**

- Use order code: Description Price
- NISTCAL-PT1 NIST traceable calibration certificate $139.00

* Items are subject to Schedule B discounts.