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

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

APPLICATIONS
• OEM
• Industrial engines
• HVAC equipment

SERIES 673
Applications
• High-shock and vibration resistant insures stability in controlling pressure for process applications

FEATURES/BENEFITS
• OEM  • Hydraulic systems  • HVAC equipment

APPLICATIONS
• High-shock and vibration resistant insures stability in controlling pressure for process applications

SERIES FDT
Applications
• High-shock and vibration resistant insures stability in controlling pressure for process applications

FEATURES/BENEFITS
• OEM  • Hydraulic systems  • HVAC equipment

APPLICATIONS
• High-shock and vibration resistant insures stability in controlling pressure for process applications

MODEL CHART

<table>
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<th>Example</th>
<th>FDT-A</th>
<th>FDT-A-01-NPT</th>
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<tr>
<td>Series</td>
<td>FDT</td>
<td>FDT-A-01-NPT</td>
</tr>
<tr>
<td>Output</td>
<td>A</td>
<td>4 to 20 mA</td>
</tr>
<tr>
<td></td>
<td>V</td>
<td>0 to 5 VDC</td>
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<tr>
<td>Range</td>
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<tr>
<td></td>
<td>01</td>
<td>100 psi</td>
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<tr>
<td></td>
<td>02</td>
<td>150 psi</td>
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<td>03</td>
<td>200 psi</td>
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<td></td>
<td>04</td>
<td>250 psi</td>
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<td></td>
<td>05</td>
<td>300 psi</td>
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<td>06</td>
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<td>07</td>
<td>400 psi</td>
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<tr>
<td></td>
<td>08</td>
<td>450 psi</td>
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<td></td>
<td>09</td>
<td>500 psi</td>
</tr>
<tr>
<td>Options</td>
<td>-NPT</td>
<td>1/4” male NPT</td>
</tr>
<tr>
<td></td>
<td>-C08</td>
<td>0.25% FS accuracy</td>
</tr>
</tbody>
</table>

Note: Contact factory for additional range availability.

SERIES 673
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 176°F (-40 to 80°C).
- Pressure Limits: 2 x max range.
- Thermal Errors: Zero: ±3.6% FS/100°F (100°C); Span: ±2.7% FS/100°F (100°C).
- Power Requirements: 9 to 30 VDC.
- Output: 4 to 20 mA, 2-wire.
- Zero & 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 Constructions: 2 ft (61 cm) multicore cable.
- Conduit Connection: 1/4”-18 (22.3 mm) knockout.
- Enclosure: Stainless steel and Valox.
- Weight: 2.3 oz (65 g).

SERIES FDT
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: 100 Ω.
- Electrical Constructions: 4-pin.
- Process Connection: 7/16-20 UNF male flush diaphragm. Optional 1/4” male NPT.
- Mounting Orientation: Mount in any position.
- Weight: 2 oz (57 g).
- Agency Approvals: CE.