**Adjustable Range Pressure Transmitter**

0.5% Full Span Accuracy, Ranges to 5000 psi

**Series 634ES**

The Series 634ES Transmitters sense a single pressure for air, compatible gas or liquid and provide 4 to 20 mA output signal. Positive pressure can be measured within an accuracy of ±0.5% of span. The Series 634ES uses an isolated piezoresistive pressure sensor to produce a resistance change across a Wheatstone bridge. Convenient 2-wire operation simplifies installation. Zero and span adjustments are fully protected inside a rugged die cast aluminum enclosure with durable gray polyurethane finish. Enclosure is designed to meet NEMA 4X (IP66) requirements.

<table>
<thead>
<tr>
<th>Model</th>
<th>Range in psi (bar)</th>
<th>Min. Range in psi (bar)</th>
<th>Max. Range in psi (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>634ES-0</td>
<td>10 (0.69)</td>
<td>10 (0.69)</td>
<td>20 (1.38)</td>
</tr>
<tr>
<td>634ES-1</td>
<td>30 (2.07)</td>
<td>20 (1.38)</td>
<td>50 (3.45)</td>
</tr>
<tr>
<td>634ES-2</td>
<td>50 (3.45)</td>
<td>40 (2.76)</td>
<td>100 (6.9)</td>
</tr>
<tr>
<td>634ES-3</td>
<td>100 (6.9)</td>
<td>60 (4.14)</td>
<td>100 (6.9)</td>
</tr>
<tr>
<td>634ES-4</td>
<td>200 (13.8)</td>
<td>100 (6.9)</td>
<td>250 (17.2)</td>
</tr>
<tr>
<td>634ES-5</td>
<td>500 (34.5)</td>
<td>250 (17.2)</td>
<td>350 (24.1)</td>
</tr>
<tr>
<td>634ES-6</td>
<td>500 (34.5)</td>
<td>350 (24.1)</td>
<td>600 (41.4)</td>
</tr>
<tr>
<td>634ES-7</td>
<td>1000 (69)</td>
<td>600 (41.4)</td>
<td>1250 (86)</td>
</tr>
<tr>
<td>634ES-8</td>
<td>2000 (138)</td>
<td>1250 (86)</td>
<td>2500 (172)</td>
</tr>
<tr>
<td>634ES-9</td>
<td>4000 (276)</td>
<td>2500 (172)</td>
<td>6000 (414)</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Service:** Compatible, gases & liquids.
- **Wetted Materials:** Types 316, 316L SS.
- **Accuracy:** ±0.5% FS.
- **Stability:** ±1% FS/yr.
- **Temperature Limits:** 0 to 140°F (-17.8 to 60°C).
- **Compensated Temperature Limits:** -13° to 185°F (-20 to 85°C).
- **Pressure Limit:** 0.5% Full Span Accuracy, Ranges to 5000 psi.
- **Thermal Effect:** ±0.025% FS/°F (0.045% FS/°C).
- **Power Requirements:** 10 to 35 VDC (2-wire).
- **Output Signal:** 4 to 20 mA.

**OPTION**

For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 634ES-2-NIST.

---

**Industrial Pressure Transmitter**

17-4PH SS Wetted Parts, Packard Electrical Connection

The Series TPT Pressure Transmitter is the ideal choice for all types of industrial pressure applications. Machined from a solid piece of 17-4PH SS, the TPT provides a leak proof, all metal system without O-rings, welds, or organics exposed to the pressure media. Its design allows for stable operation when subject to shock and vibration. Utilizing piezoresistive technology with digital compensation and temperature correction, the TPT gives high accuracy and stability under harsh environmental conditions. Available in ratiometric and 4 to 20 mA outputs.

- **Power Requirements:** See table.
- **Output Signal:** 4 to 20 mA.
- **Loop Resistance:** < 100 Ω.
- **Enclosure Rating:** Packard connector.
- **Process Connections:** 1/4”-18 thread with female NPT.
- **Weight:** 1 lb 10.6 oz (754 g).

**SPECIFICATIONS**

- **Service:** Compatible liquids and gases.
- **Wetted Materials:** 17-4PH SS.
- **Accuracy:** ±1% FS (RMS).
- **Stability:** < ±0.25% FS per year.
- **Temperature Limits:** -13° to 185°F (-20° to 85°C).
- **Compensated Temperature Range:** -13° to 185°F (-20° to 85°C).
- **Pressure Limits:** Burst pressure: 2 x FS.
- **Enclosure Rating:** IP65.

**OPTION**

For NIST traceable calibration certificate, use order code NISTCAL-PT1.

**ACCESSORY**

A-960, 3’ packard cable