The Series 626 Pressure Transmitters possess a highly precise 0.25% full scale accuracy piezo-resistive sensor contained in a compact, rugged, NEMA 4X (IP66) stainless steel general purpose housing or cast aluminum conduit housing.

The Series 628 Pressure Transmitters are ideal for OEMs with 1% full scale accuracy sensors. The transmitter is also available in the general purpose stainless steel housing and the cast aluminum conduit housing. The corrosion resistant 316L stainless steel wetted parts allow the Series 626 and 628 transmitters to measure the pressure in a multitude of processes from hydraulic oils to chemicals. The Series 626 and 628 are available in ranges of vacuum, compound to 5000 psi with a variety of optional outputs, process connections and electrical terminations to allow you to select the right transmitter for your application.

**APPLICATIONS**

- Compressors
- Pumping systems
- Irrigation equipment
- Hydraulic
- Industrial process monitoring

**FEATURES**

- Metal conduit housing option
- Robust 316 SS oil filled sensor
- Compact design

**SPECIFICATIONS**

**Service:** Compatible gases and liquids.

**Wetted Materials:** Type 316L SS.

**Accuracy:**

- 626: 0.25% F.S.;
- : 0.20% RSS;
- 628: 1.0% F.S.;
- : 0.5% RSS;

**626 Absolute Ranges:**

- 0.30% F.S.;

(Includes linearity, hysteresis, and repeatability.)

**Temperature Limit:** 0 to 200°F (-18 to 93°C).

**Compensated Temperature Range:** 0 to 175°F (-18 to 79°C).

**Thermal Effect:** ±0.02% FS*/°F (includes zero and span).

**Pressure Limits:** See table.

**Power Requirements:** 10-30 VDC (for 4-20 mA, 0-5, 1-5, 1-6 VDC outputs); 13-30 VDC (for 0-10, 2-10 VDC outputs); 5 VDC ±0.5 VDC (for 0.5-4.5 VDC ratio-metric output).

**Output Signal:** 4-20 mA, 0-5 VDC, 1-5 VDC, 0-10 VDC, or 0.5-4.5 VDC.

**Response Time:** 50 ms.

**Loop Resistance:** 0-1000 Ohms max. R max = 50 (Vps-10) Ohms (4-20 mA output), 5K Ohms (0-5, 1-5, 1-6, 0-10, 2-10, 0-5-4.5 VDC output).

**Stability:** 1.0% FS/year (Typ.).

**Current Consumption:** 38 mA maximum (for 4-20 mA output); 10 mA maximum (for 0-5, 1-5, 1-6, 0-10, 2-10, 0-5-4.5 VDC output); 140 mA maximum (for all 626/628/629-CH with optional LED).

**Electrical Connections:** Conduit Housing (-CH): terminal block, 1/2" female NPT conduit; General Purpose Housing (-GH): cable DIN EN 175801-803-C.

**Mounting Orientation:** Mount in any position.

**Weight:** 10 oz (283 g).

**Agency Approvals:** CE.
### Pressure Limits

<table>
<thead>
<tr>
<th>Range Number</th>
<th>Pressure Range</th>
<th>Maximum Pressure (psig)</th>
<th>Over Pressure (psig)</th>
<th>Range Number</th>
<th>Pressure Range (psig)</th>
<th>Maximum Pressure (psig)</th>
<th>Over Pressure (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>0-15 psia</td>
<td>30</td>
<td>45</td>
<td>12</td>
<td>0-200</td>
<td>400</td>
<td>1000</td>
</tr>
<tr>
<td>03</td>
<td>0-5 psig</td>
<td>30</td>
<td>45</td>
<td>13</td>
<td>0-300</td>
<td>600</td>
<td>1500</td>
</tr>
<tr>
<td>07</td>
<td>0-15 psig</td>
<td>30</td>
<td>50</td>
<td>14</td>
<td>0-500</td>
<td>1000</td>
<td>2500</td>
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<td>0-30 psig</td>
<td>60</td>
<td>300</td>
<td>15</td>
<td>0-1000</td>
<td>2000</td>
<td>5000</td>
</tr>
<tr>
<td>09</td>
<td>0-50 psig</td>
<td>100</td>
<td>300</td>
<td>16</td>
<td>0-1500</td>
<td>3000</td>
<td>5000</td>
</tr>
<tr>
<td>10</td>
<td>0-100 psig</td>
<td>200</td>
<td>500</td>
<td>18</td>
<td>0-3000</td>
<td>6000</td>
<td>7500</td>
</tr>
<tr>
<td>11</td>
<td>0-150 psig</td>
<td>300</td>
<td>750</td>
<td>19</td>
<td>0-5000</td>
<td>7500</td>
<td>10000</td>
</tr>
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### Ordering Chart

<table>
<thead>
<tr>
<th>Accuracy</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>626</td>
<td>$115.00</td>
</tr>
<tr>
<td>628</td>
<td>$69.00</td>
</tr>
<tr>
<td>0.25% Full-Scale Accuracy</td>
<td>add 25.00</td>
</tr>
<tr>
<td>1.0% Full-Scale Accuracy</td>
<td>add 25.00</td>
</tr>
</tbody>
</table>

### Available Options

- **Aluminum Tag**
- **NIST Traceable Certificate**
- **Bright Red LED display**

<table>
<thead>
<tr>
<th>Option</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>-AT</td>
<td>add 8.00 net</td>
</tr>
<tr>
<td>-NIST</td>
<td>add 135.00 net</td>
</tr>
<tr>
<td>-LED</td>
<td>add 100.00 net</td>
</tr>
</tbody>
</table>

**Notes:**
- Available with -GH Housing only
- Available with -CH Housing only
- LED option is not NEMA 4X (IP66)
- Power Requirement: 5 VDC ±10%