The Series 626 Pressure Transmitters possess a highly precise 0.25% piezo-resistive sensor contained in a compact, rugged, NEMA 4X 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% full scale; 626 absolute ranges: 0.5% full scale; 628: 1% full scale. (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 to 30 VDC.
Output Signal: 4 to 20 mA. Optional 0-5, 1-5 or 0-10.
Response Time: 50 msec.
Loop Resistance: 0 - 1300 ohms maximum for current. For voltage outputs, minimum load resistance: 2000 ohms.
Stability: 1.0% FS/year (Typ.).
Current Consumption: 36 mA (maximum).
Electrical Connections: Conduit Housing (-CH): terminal block, 1/2” female NPT conduit; General Purpose Housing (-GH): cable DIN EN 175801-803-C.
Process Connection: 1/4” male or female NPT and BSPT.
Enclosure Rating: NEMA 4X (IP66).
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>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>0-15 psia</td>
<td>30</td>
<td>45</td>
</tr>
<tr>
<td>03</td>
<td>0-5 psig</td>
<td>30</td>
<td>45</td>
</tr>
<tr>
<td>06</td>
<td>0-15 psig</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>07</td>
<td>0-30 psig</td>
<td>30</td>
<td>150</td>
</tr>
<tr>
<td>08</td>
<td>0-50 psig</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>09</td>
<td>0-100 psig</td>
<td>200</td>
<td>500</td>
</tr>
<tr>
<td>11</td>
<td>0-150</td>
<td>300</td>
<td>700</td>
</tr>
<tr>
<td>12</td>
<td>0-200</td>
<td>400</td>
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<tr>
<td>13</td>
<td>0-300</td>
<td>600</td>
<td>1500</td>
</tr>
<tr>
<td>14</td>
<td>0-500</td>
<td>1000</td>
<td>2500</td>
</tr>
<tr>
<td>15</td>
<td>0-1000</td>
<td>2000</td>
<td>5000</td>
</tr>
<tr>
<td>16</td>
<td>0-1500</td>
<td>3000</td>
<td>5000</td>
</tr>
<tr>
<td>18</td>
<td>0-3000</td>
<td>6000</td>
<td>7500</td>
</tr>
<tr>
<td>19</td>
<td>0-5000</td>
<td>7500</td>
<td>10000</td>
</tr>
<tr>
<td>26</td>
<td>0-8000</td>
<td>10000</td>
<td>12000</td>
</tr>
</tbody>
</table>

### Ordering Chart

<table>
<thead>
<tr>
<th>Accuracy</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25% Full Scale Accuracy</td>
<td>$115.00</td>
</tr>
<tr>
<td>1.0% Full Scale Accuracy</td>
<td>$69.00</td>
</tr>
</tbody>
</table>

**Range**

- **00**: 0-15 psia
- **01**: 0-30 psia
- **02**: 0-50 psia
- **03**: 0-100 psia
- **04**: 0-200 psia
- **05**: 0-300 psia
- **06**: 0-5 psi
- **07**: 0-15 psi
- **08**: 0-30 psi
- **09**: 0-50 psi
- **10**: 0-100 psi
- **11**: 0-150 psi
- **12**: 0-200 psi
- **13**: 0-300 psi
- **14**: 0-500 psi
- **15**: 0-600 psi
- **16**: 0-1000 psi
- **17**: 0-1500 psi
- **18**: 0-3000 psi
- **19**: 0-5000 psi
- **20**: 0-8000 psi
- **21**: 0-15000 psi
- **22**: 0-30000 psi

**Housing**

- **CH**: Conduit Housing
- **GH**: General Purpose Housing

**Process Connection**

- **-P1**: 1/4˝ male NPT
- **-P2**: 1/4˝ female NPT
- **-P3**: 1/4˝ male BSPT
- **-P4**: 1/4˝ female BSPT
- **-P5**: 1/4˝ female SAE with Refrigerant Valve Depressor
- **-P6**: 1/2˝ male NPT
- **-P7**: 1/2˝ male NPT
- **-P8**: 1/2˝ male NPT
- **-P9**: 1/2˝ male NPT

**Electrical Connection**

- **-E1**: Cable Gland with 3’ of Pre wired Cable
- **-E2**: Cable Gland with 9’ of Pre wired Cable
- **-E3**: DIN EN 175601-803-L
- **-E4**: 1/2˝ female NPT Conduit
- **-E5**: M-12 4 Pin Connector

**Signal Output**

- **-S1**: 4-20 mA
- **-S2**: 1-5 Volt
- **-S3**: 0-10 Volt

**Options**

- **AT**: Aluminum Tag
- **NIST**: NIST Traceable Certificate
- **LED**: 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 100.00 net</td>
</tr>
<tr>
<td>LED</td>
<td>add 10.00</td>
</tr>
</tbody>
</table>

- Available with -CH Housing only
- Available with -GH Housing only
- LED option is not NEMA 4X