The Series 636 Pressure Transmitter is a low cost, fixed range, stainless steel transmitter with ±0.30% accuracy. It is designed to continuously measure pressure for years in even the toughest environmental and media conditions. Select from 4 ranges to 0-300 psig (0-20 bar) with choice of 4-20 mA output (model 636) or 1-5 VDC output (model 636LP). Transmitters are explosion-proof, (FM approved) and meet NACE standards for offshore applications.

**Series 636 Pressure Transmitter**
- Stainless Steel, Explosion-proof, Accuracy ±0.30%, 4-20 mA or 1-5 VDC Signal

### Specifications
- **Service:** Liquid, gas or vapor.
- **Wetted Materials:** 316 L SS.
- **Fill Fluid:** DC 200 silicone (standard).
- **Accuracy:** ±0.30% of calibrated span.
- **Stability:** ±0.5% of upper range limit for six months.
- **Temperature Limits:**
  - Electronics (ambient): -40 to 140°F (-40 to 60°C);
  - Process interface: -40 to 212°F (-40 to 100°C).
- **Pressure Limits:** 300% upper range limit.
- **Compensated Temperature Range:** -20 to 180°F (-29 to 82°C).
- **Thermal Effect:** (includes zero and span) ±0.2% per 50°F (28°C).
- **Power Requirements:** 12 to 30 VDC (636), 8 to 14 VDC (636LP).
- **Loop Resistance:** 900 ohms max @ 30 V.
- **Electrical Connection:** 3/4˝ female NPT 24˝ (61 cm), 22 AWG.
- **Process Connection:** 1/2˝ female NPT.
- **Enclosure Rating:** NEMA 4 (IP65).
- **Weight:** 0.83 Ib (374 g).
- **Agency Approvals:** FM, CSA.

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Operating Range, PSI</th>
<th>Operating Range, Bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>636-0</td>
<td>0-15</td>
<td>0-1</td>
</tr>
<tr>
<td>636-1</td>
<td>0-30</td>
<td>0-2</td>
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<tr>
<td>636-2</td>
<td>0-100</td>
<td>0-7</td>
</tr>
<tr>
<td>636-3</td>
<td>0-300</td>
<td>0-20</td>
</tr>
</tbody>
</table>

Series 637 Pressure Transmitters are durable and compact with all welded 316 SS construction and exceptional ±0.25% accuracy. Four ranges are offered up to 0-300 psig (0-20 bar). Zero and span are adjustable to ±10% each; range turndown is a full 5:1. Integral junction box simplifies field wiring. Output is 4-20 mA with 12-40 VDC power supply. Units are explosion-proof, intrinsically safe with FM approval and they meet NACE standards for offshore applications.

**Series 637 Adjustable Range Pressure Transmitter**
- Stainless Steel, Explosion-proof, Accuracy ±0.25%, 4-20 mA Signal

### Specifications
- **Service:** Liquid, gas or vapor.
- **Wetted Materials:** 316 L SS.
- **Body:** 316 SS.
- **Accuracy:** ±0.25% of calibrated span.
- **Stability:** ±0.5% of upper range limit for six months.
- **Temperature Limits:** Process interface -40 to 212°F (-40 to 100°C).
- **Pressure Limits:** 300% full scale.
- **Compensated Temperature Range:** -20 to 180°F (-29 to 82°C).
- **Thermal Effect:** (includes zero and span) ±0.2% upper range°F (30 to 130°F) ±0.032% upper range°F (-20 to 180°F).
- **Power Requirements:** 12 to 40 VDC with rev. polarity protection.

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Stock Range, psi</th>
<th>Minimum Range, psi</th>
<th>Stock Range, bar</th>
<th>Minimum Range, bar</th>
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</thead>
<tbody>
<tr>
<td>637-0</td>
<td>0-15</td>
<td>0-1</td>
<td>0-0.2</td>
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</tr>
<tr>
<td>637-1</td>
<td>0-30</td>
<td>0-6</td>
<td>0-2</td>
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<td>637-3</td>
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<td>0-60</td>
<td>0-20</td>
<td></td>
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</tbody>
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