The Series 7116B Spirahelic® Pressure Indicating Transmitter simultaneously provides local indication on an easily read 4-1/2˝ (114 mm) analog scale while also converting that pressure into a standard two wire, 4-20 mA signal. The gage employs a unique triple helix Bourdon tube for precision measurement of compatible gases and liquids accurately within ±0.5% of full scale. The 316 SS connection features a convenient 1/4˝ female NPT internal and 1/2˝ male NPT external pressure connection also includes an integral filter plug to keep dirt out.

**SPECIFICATIONS**

**GAGE SPECIFICATIONS**
- **Service:** Compatible gases & liquids.
- **Wetted Materials:** Inconel® X-750 Alloy Bourdon tube, type 316L SS connection.
- **Housing:** Black polycarbonate case and clear acrylic cover.
- **Accuracy:** Grade 2A (0.5% F.S.).
- **Pressure Limit:** 150% of full scale. Gage will maintain its specifications for overpressures up to 150% maximum range. Normal operation should be between 25% and 75% of full scale.
- **Temperature Limits:** 20 to 120°F (-6.67 to 48.9°C).
- **Size:** 4-1/2˝ (114.3 mm) dial face, Design conforms to ASME B40.1.
- **Process Connections:** Dual size 1/2˝ male, 1/4˝ female NPT, bottom connection.
- **Weight:** 29.5 oz (836.3 g).

**TRANSMITTER SPECIFICATIONS**
- **Accuracy:** 0.5% F.S.
- **Stability:** ±1% F.S./yr.
- **Temperature Limits:** 20 to 120°F (-6.67 to 48.9°C).
- **Thermal Effect:** ±0.025% F.S./°F (0.045% F.S./°C).
- **Power Requirements:** 10-35 VDC (2-wire).
- **Output Signal:** 4-20 mA DC.
- **Zero & Span Adjustments:** Externally accessible potentiometers.
- **Loop Resistance:** DC, 0-1250 ohms.
- **Current Consumption:** DC, 38 mA max.
- **Electrical Connections:** Screw Terminals
- **Mounting Orientation:** Vertical.
- **Agency Approvals:** CE.

**PRESSURE Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, PSIG</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7116B-G060</td>
<td>0 - 60</td>
<td>$286.00</td>
</tr>
<tr>
<td>7116B-G100</td>
<td>0 - 100</td>
<td>$286.00</td>
</tr>
<tr>
<td>7116B-G200</td>
<td>0 - 200</td>
<td>$286.00</td>
</tr>
<tr>
<td>7116B-G600</td>
<td>0 - 600</td>
<td>$286.00</td>
</tr>
</tbody>
</table>

Inconel® is a registered trademark of Huntington Alloys Corporation.