## Series 616 Transmitter

**Differential Pressure Transmitter**  
**Accuracy ±0.25% Full Scale**

**Series 616 Transmitter** features an exceptional ±0.25% accuracy in several factory calibrated ranges. Choose the one just right for your application. Span and Zero controls included for fine tuning and minor re-calibration in the field.

### SPECIFICATIONS

- **Service:** Air and non-combustible, compatible gases.
- **Wetted Materials:** Consult factory.
- **Accuracy:** ±0.25% FS.
- **Stability:** ±1% FS/yr.
- **Temperature Limits:** 0 to 140°F (-17.8 to 60°C).
- **Compensated Temperature Limits:** 20 to 120°F (-6.67 to 48.9°C).
- **Pressure Limits:** See chart.
- **Thermal Effect:** ±0.02% FS/°F (±0.0012% FS/°C).
- **Power Requirements:** 10-35 VDC (2-wire).
- **Output Signal:** 4 to 20 mA.
- **Zero and Span Adjustments:** Potentiometers for zero and span.
- **Loop Resistance:** DC; 0-1250 ohms maximum.
- **Current Consumption:** DC; 38 mA maximum.
- **Electrical Connections:** Screw-type terminal block.
- **Process Connections:** Barbed, dual size to fit 1/8˝ and 3/16˝ (3.12 mm and 4.76 mm) I.D. rubber or vinyl tubing.
- **Weight:** 1.8 oz (51 g).
- **Agency Approval:** CE.

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Max. Press.</th>
</tr>
</thead>
<tbody>
<tr>
<td>616-2</td>
<td>0-6 in w.c.</td>
<td>5 psig</td>
</tr>
<tr>
<td>616-3</td>
<td>0-10 in w.c.</td>
<td>5 psig</td>
</tr>
<tr>
<td>616-4</td>
<td>0-20 in w.c.</td>
<td>11 psig</td>
</tr>
<tr>
<td>616-5</td>
<td>0-40 in w.c.</td>
<td>11 psig</td>
</tr>
<tr>
<td>616-6</td>
<td>0-100 in w.c.</td>
<td>29 psig</td>
</tr>
<tr>
<td>616-7</td>
<td>0-200 in w.c.</td>
<td>29 psig</td>
</tr>
<tr>
<td>616-8</td>
<td>3-0-3 in w.c.</td>
<td>5 psig</td>
</tr>
<tr>
<td>616-10B</td>
<td>5-0-5 in w.c.</td>
<td>5 psig</td>
</tr>
<tr>
<td>616-20B</td>
<td>10-0-10 in w.c.</td>
<td>11 psig</td>
</tr>
</tbody>
</table>

### Model Range Max. Press.  

$106.00

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## Series 616C Transmitter

**Differential Pressure Transmitter**  
**Accuracy ±1% Full Scale**

**Series 616C Transmitter** features an exceptional 1% accuracy in several factory calibrated ranges. Choose the one just right for your application. Span and Zero controls included for fine tuning and minor re-calibration in the field.

### SPECIFICATIONS

- **Service:** Air and non-combustible, compatible gases.
- **Wetted Materials:** Consult factory.
- **Accuracy:** ±1% FS.
- **Stability:** ±1% FS/yr.
- **Temperature Limits:** 0 to 140°F (-17.8 to 60°C).
- **Compensated Temperature Limits:** 20 to 120°F (-6.67 to 48.9°C).
- **Pressure Limits:** See chart.
- **Thermal Effect:** ±0.02% FS/°F (±0.0012% FS/°C).
- **Power Requirements:** 10-35 VDC (2-wire).
- **Output Signal:** 4 to 20 mA.
- **Zero and Span Adjustments:** Potentiometers for zero and span.
- **Loop Resistance:** DC; 0-1250 ohms maximum.
- **Current Consumption:** DC; 38 mA maximum.
- **Electrical Connections:** Screw-type terminal block.
- **Process Connections:** Barbed, dual size to fit 1/8˝ and 3/16˝ (3.12 mm and 4.76 mm) I.D. rubber or vinyl tubing.
- **Weight:** 1.8 oz (51 g).
- **Agency Approval:** CE.

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Max. Press.</th>
</tr>
</thead>
<tbody>
<tr>
<td>616C-1</td>
<td>0-3 in w.c.</td>
<td>2 psig</td>
</tr>
<tr>
<td>616C-2</td>
<td>0-6 in w.c.</td>
<td>5 psig</td>
</tr>
<tr>
<td>616C-3</td>
<td>0-10 in w.c.</td>
<td>5 psig</td>
</tr>
<tr>
<td>616C-4</td>
<td>0-20 in w.c.</td>
<td>11 psig</td>
</tr>
<tr>
<td>616C-5</td>
<td>0-40 in w.c.</td>
<td>11 psig</td>
</tr>
<tr>
<td>616C-3B</td>
<td>1.5-0-1.5 in w.c.</td>
<td>2 psig</td>
</tr>
</tbody>
</table>

### Model Range Max. Press.  

$69.00

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