Series 621 Pressure Indicator is a 1/8 DIN measuring and controlling instrument designed for positive, negative or differential pressures of air and compatible gases. Pressure readings are displayed on a large 3-1/2 digit LCD display while unit simultaneously produces a standard 4-20 mA output signal. Over a dozen stocked ranges are available from 0-3 in. w.c. to 0-100 psid or choose metric units in ranges from 0-0.75 kPa to 0-690 kPa. Circuit design enables use in 2-wire current loops.

### Specifications
- **Service**: Air and non-combustible, compatible gases.
- **Wetted Materials**: Consult factory.
- **Accuracy**: +/−0.5% F.S. (includes linearity, hysteresis & repeatability).
- **Stability**: ±1% F.S./yr.
- **Temperature Limits**: 0 to 140°F (-17.8 to 60°C).
- **Compensated Temperature Limits**: 20 to 120°F (-6.7 to 48.9°C).
- **Pressure Limits**: See chart.
- **Thermal Effect**: 0.025% F.S./ºF (0.045% F.S./°C).
- **Power Requirements**: 10-35 VDC (2-wire).
- **Output Signal**: 4 to 20 mA.

### Model Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Max. Press.</th>
</tr>
</thead>
<tbody>
<tr>
<td>621-1</td>
<td>0-1000 in w.c.</td>
<td>150 psig</td>
</tr>
<tr>
<td>621-2</td>
<td>0-1000 in w.c.</td>
<td>150 psig</td>
</tr>
<tr>
<td>621-3</td>
<td>0-1000 in w.c.</td>
<td>150 psig</td>
</tr>
<tr>
<td>621-4</td>
<td>0-1000 in w.c.</td>
<td>150 psig</td>
</tr>
</tbody>
</table>

The Series 631B Differential Pressure Transmitter monitors differential pressure of air and compatible gases and liquids with accuracy. The design employs digital push-button, zero and span adjustments are easily accessed on the front cover. The Series 631B Differential Pressure Transmitter is designed to meet NEMA 4X (IP66) construction. Robust housing offers 500 psi static pressure rating on ranges down to 0.5” w.c.

### Specifications
- **Service**: Compatible gases & liquids.
- **Wetted Materials**: Brass, silicone, 300 SS.
- **Accuracy**: Transmitter Output: ±2% F.S. (includes linearity, hysteresis and repeatability). Gage: ±5% of full scale at 70°F (21.1°C).
- **Stability**: ±1% F.S./yr.
- **Temperature Limits**: 20 to 120°F (-6.7 to 48.9°C).
- **Pressure Limits**: -20˝ Hg to 500 psig
- **Thermal Effect**: 0.025% F.S./ºF (0.045% F.S./°C) includes zero & span.
- **Power Requirements**: 10-35 VDC.
- **Output Signal**: 4 to 20 mA.
- **Response Time**: 50 msec.
- **Loop Resistance**: 0-1250 ohms max.
- **Electrical Connections**: M-12 circular 4 pin connector.
- **Process Connections**: 1/4” female NPT high and low pressure taps, duplicated - one pair top for air and gas, and one pair bottom for liquids.
- **Enclosure Rating**: Designed to meet NEMA 4X (IP66).
- **Mounting Orientation**: Diaphragm in vertical position. Consult factory for other position orientations.
- **Weight**: 8 lb, 4 oz (3.74 kg).
- **Agency Approvals**: CE.

### Model Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>631B-0</td>
<td>0-0.5” w.c.</td>
</tr>
<tr>
<td>631B-1</td>
<td>0-1” w.c.</td>
</tr>
<tr>
<td>631B-2</td>
<td>0-2” w.c.</td>
</tr>
<tr>
<td>631B-3</td>
<td>0-5” w.c.</td>
</tr>
<tr>
<td>631B-4</td>
<td>0-25” w.c.</td>
</tr>
</tbody>
</table>