Pressure Sensor 0 to 50 and 0 to 150 PSIG

Datasheet

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>BWA-PRESSURE-SENSOR-50</td>
<td>Includes pressure sensor PS1G50; 0–50 psi range; gauge; 1/4&quot;-18 NPT port</td>
<td>1 meter cable</td>
</tr>
<tr>
<td>BWA-PRESSURE-SENSOR-150</td>
<td>Includes pressure sensor PS1G150; 0–150 psi range; gauge; 1/4&quot;-18 NPT port</td>
<td></td>
</tr>
</tbody>
</table>

**Figure 1. Model BWA-PRESSURE-SENSOR-50**

**Figure 2. Model BWA-PRESSURE-SENSOR-150**

<table>
<thead>
<tr>
<th>Wire Color</th>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>brown (bn)</td>
<td>Supply +</td>
<td></td>
</tr>
<tr>
<td>blue (bu)</td>
<td>Supply -</td>
<td></td>
</tr>
<tr>
<td>green (gn)</td>
<td>Output</td>
<td></td>
</tr>
</tbody>
</table>

**Specifications**

**Supply Voltage**
9 V dc to 30 V dc

**Current Consumption**
< 3 mA

**Pressure Range**
Proof: 2X FS
Burst: 3X FS

**Output**
0 V dc to 5 V dc

**Fatigue Life**
More than 4 million cycles

**Accuracy**
± 1.0% BFSL

**Stability**
± 0.25% per Year

**Pressure Port**
1/4"-18 NPT

**Construction**
0-50 Model: 304 SS Housing; 316 SS wetting material; Media is compatible with 316 SS
0-150 Model: 304 SS housing; 17-4PH SS wetting material; Media is compatible with 17-4PH SS

**Electrical Connection**
Conduit Fitting with Cable

**Temperature**
Compensated: 0 °C to 85 °C (32 °F to 185 °F)
Operating: –40 °C to 125 °C (–40 °C to 257 °F)

**Environmental Rating**
IEC IP65

**Zero/Span Offset Tolerance**
± 2.5% FS