### Performance

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>SI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement Range (for ±5V output)</td>
<td>50 psi</td>
</tr>
<tr>
<td>Useful Overrange (for ±10V output)</td>
<td>100 psi</td>
</tr>
<tr>
<td>Sensitivity (±15%)</td>
<td>100 mV/psi</td>
</tr>
<tr>
<td>Maximum Pressure (step)</td>
<td>500 psi</td>
</tr>
<tr>
<td>Maximum Pressure (Total)</td>
<td>15,000 psi</td>
</tr>
<tr>
<td>Resolution</td>
<td>1 mpsi</td>
</tr>
<tr>
<td>Resonant Frequency</td>
<td>≥ 250 kHz</td>
</tr>
<tr>
<td>Rise Time (Reflected)</td>
<td>≤ 2.0 μ sec</td>
</tr>
<tr>
<td>Low Frequency Response (5%)</td>
<td>0.50 Hz</td>
</tr>
<tr>
<td>Non-Linearity</td>
<td>≤ 1.0 % FS</td>
</tr>
</tbody>
</table>

### Measurement Range (for ±10V output)

- 100 psi, 690 kPa
- 15,000 psi, 103,421 kPa
- 0.50 Hz, 0.50 Hz
- ≤ 1.0 % FS, ≤ 1.0 % FS

### Environmental

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>SI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceleration Sensitivity</td>
<td>≤ 0.002 psi/g</td>
</tr>
<tr>
<td>Temperature Range (Operating)</td>
<td>-100 to +275 °F, -73 to +135 °C</td>
</tr>
<tr>
<td>Temperature Coefficient of Sensitivity</td>
<td>± 0.06 %/°F</td>
</tr>
<tr>
<td>Maximum Flash Temperature</td>
<td>3,000 °F, 1,650 °C</td>
</tr>
<tr>
<td>Maximum Vibration</td>
<td>2,000 g pk, 196,133 m/s² pk</td>
</tr>
<tr>
<td>Maximum Shock</td>
<td>20,000 g pk, 196,133 m/s² pk</td>
</tr>
</tbody>
</table>

### Electrical

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>SI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Impedance</td>
<td>&lt; 100 Ohm</td>
</tr>
<tr>
<td>Output Bias Voltage</td>
<td>8 to 14 VDC</td>
</tr>
</tbody>
</table>

### Physical

- Sensing Geometry: Compression, Invar
- Sensing Element: Quartz, Invar
- Housing Material: 17-4 Stainless Steel, Invar
- Diaphragm: Welded Hermetic, Welded Hermetic
- Electrical Connector: 10-32 Coaxial Jack, 10-32 Coaxial Jack
- Weight (with clamp nut): 0.21 oz, 6.0 gm

### Notes:

1. Specifications are at room temperature unless otherwise specified.
2. In the interest of constant product improvement, we reserve the right to change specifications without notice.
3. ICP® is a registered trademark of PCB Piezotronics, Inc.
4. For +10 volt output, minimum 24 VDC supply voltage required. Negative 10 volt output may be limited by output bias.
5. Zero-based, least-squares, straight line method.
6. See PCB Declaration of Conformance PS023 for details.
7. For sensor mounted in thread adaptor, see adaptor installation drawing for supplied accessories.
8. Clamp nut installed prior to cable attachment.

### Optional Versions

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

- **E**: Emralon coating
- **J**: Ground Isolated
- **N**: Negative Output Polarity
- **S**: Stainless Steel Diaphragm
- **W**: Water Resistant Cable
- **WM**: Water Resistant Cable

### Supplied Accessories:

- Model 065A02 Seal ring, sensor flush mount, 0.248” OD x 0.219” ID x 0.015”, brass (3)
- Model 065A05 Seal sleeve sensor recess mount 0.248” OD x 0.219” ID x 0.240” thk 17-4 (1)
- Model 060A03 Clamp nut, 5/16-24-2A thd, 1/4” hex, stainless steel (1)
- Model 060A05 Clamp nut M7 x 0.75-6g thd (1)

### Contact Information

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