LBS Load Button Load Cell

Calibration Certification and Installation Information

Dimensions, inch (mm)

<table>
<thead>
<tr>
<th>Capacity (1bf)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 10, 25, 50</td>
<td>0.09(2.2)</td>
<td>0.09(2.2)</td>
<td>0.12(3.0)</td>
<td>0.38(9.6)</td>
</tr>
<tr>
<td>100, 250</td>
<td>0.12(3.0)</td>
<td>0.13(3.3)</td>
<td>0.15(3.8)</td>
<td>0.60(12.7)</td>
</tr>
<tr>
<td>500, 1K</td>
<td>0.24(6.1)</td>
<td>0.22(5.6)</td>
<td>0.25(6.4)</td>
<td>0.75(19.1)</td>
</tr>
<tr>
<td>2K</td>
<td>0.25(6.4)</td>
<td>0.23(5.8)</td>
<td>0.29(7.4)</td>
<td>0.75(19.1)</td>
</tr>
</tbody>
</table>

Electrical

Wire Color Code: Red +Excitation Cable length: 5ft std.
Green +Output
White -Output
Black -Excitation
Shield No Connection

Application

To achieve rated performance the mounting and loading surfaces must be hard, flat, smooth, and parallel.

Specifications

Safe Overload: 150% RO Nonlinearity: 0.25% FS
Nonrepeatability: 0.1% FS Hysteresis: 0.25% FS
Excitation, nom: 5 V Compensated Temp Range: 60 to 150 °F
max: 7 V Operating Temp Range: -65 to 250 °F
Load Cell Material: Stainless Steel Temperature Effect on Zero: 0.005% RO/°F