FUTEK MODEL LSB303

3mV/V S-BEAM LOAD CELL IN TENSION AND COMPRESSION
(Previously L2361)

- Excitation
- SENSE
+ Excitation
+ SENSE

WIRING CODE (WC4)

<table>
<thead>
<tr>
<th>+Excitation</th>
<th>-Excitation</th>
<th>+Signal</th>
<th>-Signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>BLACK</td>
<td>GREEN</td>
<td>WHITE</td>
</tr>
<tr>
<td>ORANGE</td>
<td>BLUE</td>
<td></td>
<td></td>
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</tbody>
</table>

+OUTPUT
(TENSION)

1/4-28-2B
BOTH SIDES

0.25 [6.3]

0.50 [12.7]

0.96 [24.4]

0.17 [4.3]

0.28 [7.1]

2.00 [50.8]

1.00 [25.4]

0.14 [3.4]

0.05 [1.3]

2.50 [63.5]

1.25 [31.7]

NON LOADING SURFACE
DO NOT CONTACT

SPECIFICATIONS:

RATED OUTPUT
3 mV/V nom. (Matched Output Optional)

SAFE OVERLOAD
150% of R.O.

ZERO BALANCE
±1% of R.O.

EXCITATION (VDC OR VAC)
18 MAX

BRIDGE RESISTANCE
350 Ω, nom.

NONLINEARITY
±0.05% of R.O.

Hysteresis
±0.5% of R.O.

NONREPEATABILITY
±0.01% of R.O.

TEMP. SHIFT ZERO
±0.001% of R.O./°F [0.0018% of R.O./°C]

TEMP. SHIFT SPAN
±0.0008% of LOAD/F [0.0014% of LOAD/°C]

COMPENSATED TEMP.
60 to 160°F [15 to 72°C]

OPERATING TEMP.
-40 to 200°F [-40 to 93°C]

MATERIAL
17-4 PH S.S.

CABLE: #28 AWG, 6 Conductor, Spiral Shielded Polyurethane Cable 5 ft [1.5 m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD)
5 pt, TENSION; 43.575 kΩ SHUNT CAL. VALUE
CALIBRATION (AVAILABLE)
COMPRESSION
CALIBRATION TEST EXCITATION
10 VDC

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