FUTEK MODEL LSB453
STK# FSH02102

Drawing Number: FI1079-A

INCH [mm]  R.O. = Rated Output

<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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>+SENSE</th>
<th>-SENSE</th>
<th>Shielded</th>
<th>Grounded</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORANGE</td>
<td>BLUE</td>
<td></td>
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<tr>
<th>Wiring Code (WC4)</th>
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</thead>
</table>

3/4-16-2B BOTH ENDS

Ø0.17 [Ø4.3] nom.

2.13 [54.0]

NON LOADING SURFACE
DO NOT CONTACT

3mV/V S-BEAM LOAD CELL IN TENSION AND COMPRESSION
(Previously L2364)

+OUTPUT
(TENSION)

ID. #

FUTEK LABEL

WIRING CODE LABEL (FARSIDE)

SPECIFICATIONS:

RATED OUTPUT 3 mV/V nom. (Matched Output Optional)
CAPACITY 5000 lb [22240 N]
SAFE OVERLOAD 150% of R.O.
ZERO BALANCE ±1% of R.O.
EXCITATION (VDC OR VAC) 18 MAX
BRIDGE RESISTANCE 350 ±nom.
NONLINEARITY ±0.05% of R.O.
HYSTERESIS ±0.05% 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 [1.5m] Long
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD) 5 pt. TENSION; 43.575Ω SHUNT CAL. VALUE
CALIBRATION (AVAILABLE) COMPRESSION
CALIBRATION TEST EXCITATION 10 VDC