**FUTEK MODEL LRM200 (L2358)**

**S-Beam Jr. Load Cell (T & C) w/ Male Threads**

**Drawing Number: FL1082-A**

**INCH [mm] R.O. = Rated Output**

**Wiring Code (WC 1)**

- **+ Excitation**
- **- Excitation**
- **+ Signal**
- **- Signal**

**Shield**

**Floating**

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**Specifications:**

**Rated Output:**
2 mV/V nom.

**Safe Overload:**
100% of R.O. (100 g to 100 lb), 200% of R.O. (Tension Only (50 lb and 100 lb)*

**Zero Balance:**
±3% of R.O.

**Excitation (VDC or Vac):**
10 Max

**Bridge Resistance:**
350 Ω nom., 1000 Ω nom.(100g & 250g)

**Nonlinearity:**
±0.1% of R.O.

**Hysteresis:**
±0.1% of R.O.

**Nonrepeatability:**
±0.05% of R.O.

**Temp. Shift zero:**
±0.01% of R.O./°F [0.018% of R.O./°C]

**Temp. Shift Span:**
±0.02% of Load/°F [0.036% of Load/°C]

**Compensated Temp.:**
60 to 160°F [15 to 70°C]

**Operating Temp.:**
-60 to 200°F [-50 to 93°C]

**Weight:**
0.5 oz [14 g] (100g to 10 lb), 1.1 oz [31 g] (25 to 100 lb)

**Material:**
ALUMINUM (100g to 10 lb), STAINLESS STEEL (25 to 100 lb)

**Deflection:**
0.005 [0.13] mm R.O.

**Cable:**
#29 AWG, 4 Conductor, Spiral Shielded Silicon Cable, 5 ft [1.5 m] Long

**Accessories and Related Instruments Available:**

**Calibration (STD):**
5 pt Tension; 60.4 kΩ, 150 kΩ (100-250g) SHUNT CAL. VALUE

**Calibration (Available):**
COMPRESSION

**Calibration Test Excitation:**
5 VDC

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**Capacities:**

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<tr>
<th>STK#</th>
<th>lb</th>
<th>N</th>
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<tbody>
<tr>
<td>FSH02699</td>
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<td>FSH02902</td>
<td>250g</td>
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<td>445</td>
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**Note:**
When using wrench flats to tighten do not torque through the sensor, this may damage the sensor.