FUTEK MODEL LCM375 (L1650)  MINIATURE INLINE THREADED TENSION AND COMPRESSION LOAD CELL

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+OUTPUT (TENSION)
-OUTPUT (COMPRESSION)

SPECIFICATIONS:

RATED OUTPUT
SAFE OVERLOAD
ZERO BALANCE
EXCITATION (VDC OR VAC)
BRIDGE RESISTANCE
NONLINEARITY
HYSTERESIS
NONREPEATABILITY
TEMP. SHIFT ZERO
TEMP. SHIFT SPAN
COMPENSATED TEMP.
OPERATING TEMP.
WEIGHT
MATERIAL (FLEXURE)
DEFLECTION
CABLE: 28 AWG, 4 Conductor, Spiral Shielded PVC Cable 10 ft [3 m] Long
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD)
CALIBRATION (AVAILABLE)
CALIBRATION TEST EXCITATION

2 mV/V nom.
150% of R.O.
±3% of R.O.
±4% of R.O.
18 MAX
350 Ω nom.
±0.5% of R.O.
±0.5% of R.O.
±0.1% of R.O.
±0.005% of R.O./°F [0.01% of R.O./°C]
±0.02% of LOAD/°F [0.036% of LOAD/°C]
60 to 160°F [15 to 72°C]
-45 to 200°F [-42 to 93°C]
8 oz [227g]
17-4PH S.S.
0.001 to 0.002 [0.03 to 0.05] nom.
5 pt TENSION; 60.4 kN, SHUNT CAL. VALUE
COMPRESSION
10 VDC

<table>
<thead>
<tr>
<th>STK #</th>
<th>lb</th>
<th>N</th>
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<tbody>
<tr>
<td>FSH00675</td>
<td>7.5K</td>
<td>33360</td>
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<td>FSH01676</td>
<td>10K</td>
<td>44480</td>
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WIRING CODE (WC1)

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