Beam Load Cells

LCM13 Series

★ Stainless Steel Body is Ideal Protection from Water, Moisture, and Corrosion (IP67)
★ Low Profile and Lightweight for Easy Mounting
★ Compact Size
★ For Both Tension and Compression Usage
★ Can Be Used for Multi-Point Weighing

Models & Capacities

<table>
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<th>Capacity</th>
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<td>LCM1 3K500</td>
<td>5kN(500kgf)</td>
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<tr>
<td>LCM1 3T001</td>
<td>1kN(1tf)</td>
</tr>
<tr>
<td>LCM1 3T002</td>
<td>2kN(2tf)</td>
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<tr>
<td>LCM1 3T003</td>
<td>3kN(3tf)</td>
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<td>LCM1 3T005</td>
<td>5kN(5tf)</td>
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Specifications

- Rated Output: 2mV/V±0.1%
- Maximum Safe Overload: 150% of R.C.
- Combined Error: 0.03% of R.O.
- Recommended Excitation Voltage: DC5 to 12V
- Maximum Excitation Voltage: DC15V
- Zero Balance: ±1% of R.O.
- Input Terminal Resistance: Approximately 3800Ω±200Ω
- Output Terminal Resistance: 350Ω±3.5Ω
- Insulation Resistance: Greater than 5000MΩ/DC50V
- Operating Temperature: -15°C to 60°C
- Compensated Temperature Range: -10°C to 40°C
- Temperature Effect: Zero: 0.016% of R.O./10°C Typ.
  Span: 0.013% of Load/10°C Typ.
- Cable Length: 3m/118 inches
- Dustproof/Waterproof: IP67

Specifications are subject to change for improvement without notice.

Dimensions

Unit: mm

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