Small in size but not in performance, OMEGA’s LCMKD Series compression load cells are designed to measure load ranges from 10 N to 5 kN. Rugged, all stainless steel construction and high-performance strain gauges ensure superior linearity and stability. Temperature compensation is achieved through a miniature circuit board in the cable. These cells are designed to be mounted on a smooth, flat surface.

**SPECIFICATIONS**

- **Excitation:** 5 Vdc, 7 Vdc max  
- **Output:** 2 mV/V nominal  
- **5-Point Calibration:** 0%, 50%, 100%, 50%, 0%  
- **Linearity:** ±0.25% FSO  
- **Hysteresis:** ±0.25% FSO  
- **Repeatability:** ±0.10% FSO  
- **Zero Balance:** ±2% FSO  
- **Operating Temp Range:** -54 to 121°C  
- **Compensated Temp Range:** -54 to 121°C  
- **Thermal Effects:**  
  - **Span:** ±0.018% of FSO°C  
  - **Zero:** ±0.009% of FSO°C  
- **Safe Overload:** 150% of capacity  
- **Ultimate Overload:** 300% of capacity  
- **Bridge Resistance:** 350 Ω  
- **Full Scale Deflection:** 0.025 to 0.075 mm  
- **Electrical Connection:** 1.5 m 4-conductor insulated cable with temperature compensation board  
- **Weight:** <14 g

**To Order (Specify Model Number)**

<table>
<thead>
<tr>
<th>CAPACITY (N)</th>
<th>D1</th>
<th>D2</th>
<th>H</th>
<th>B</th>
<th>C</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 to 200</td>
<td>8.6</td>
<td>2.2</td>
<td>3.0</td>
<td>0.76</td>
<td>1.0</td>
<td>1.3</td>
</tr>
<tr>
<td>500 to 1000</td>
<td>13</td>
<td>3.0</td>
<td>3.8</td>
<td>0.51</td>
<td>1.5</td>
<td>1.3</td>
</tr>
<tr>
<td>2000 to 5000</td>
<td>19</td>
<td>6.1</td>
<td>6.4</td>
<td>0.76</td>
<td>2.5</td>
<td>1.3</td>
</tr>
</tbody>
</table>

**TO ORDER**

**ACCESSORY**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>PRICE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP-17</td>
<td>£10</td>
<td>Reference Book: Measure for Measure</td>
</tr>
</tbody>
</table>
More than 100,000 Products Available!

- **Temperature**

- **Flow and Level**
  Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

- **pH and Conductivity**
  Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

- **Data Acquisition**

- **Pressure, Strain and Force**
  Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

- **Heaters**