**Model** SB-MINI

**Capacity Range** 25 to 100 kGF

<table>
<thead>
<tr>
<th>Capacity KGF</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB-MINI 25-100</td>
<td>53</td>
<td>43</td>
<td>10</td>
<td>M 8 X 1.25</td>
</tr>
</tbody>
</table>

**Wiring Schematic**

- **COLOUR CODE**
  - RED: EXCITATION (+)
  - BLACK: EXCITATION (-)
  - GREEN: OUTPUT (+)
  - WHITE: OUTPUT (-)
  - SHIELD: GROUND

**Performance Data**

- **Capacity Range (in kgf)**: 10/25/50/100
- **Capacity Range (in tf)**: 2±0.25%
- **Nominal Sensitivity (mV/V)**: 2±0.2%
- **Input Resistance**: 350±5Ω
- **Output Resistance**: 350±3Ω
- **Recommended Excitation Voltage**: 10 VDC
- **Maximum Excitation Voltage**: 15 VDC
- **Linearity Deviation (as % of Full Scale)**: <±0.020
- **Repeatability (as % of Full Scale)**: <±0.020
- **Hysteresis (as % of Full Scale)**: <±0.020
- **Creep (as % of Full Scale) in 30 min**: <±0.020
- **Effect of Temperature on Zero (% / °C)**: ±0.002
- **Effect of Temp. on Span (% / °C of Load)**: ±0.001
- **Compensated Temperature Range**: -10 to +40°C
- **Operating Temperature Range**: -20 to 70°C
- **Combined Error (as % of Full Scale)**: <±0.025 max
- **Isolation Resistance (@ 50 VDC)**: >1000 MΩ
- **Max. Limit Force (as % of Full Scale)**: 150
- **Breaking Force (as % of Full Scale)**: 300
- **Lateral Load Limit (as % of Full Scale)**
- **Protection Class**: IP 67
- **Material of Construction**: High Nickel Alloy Steel

**Features**

- Low Profile Design
- Low Deflection & Creep

**Optional**

**Application**

- Hanging Scale / Low Profile Weighing
- Application / Compact Tensile testing / Paramedical / Neo-natal / Robotics

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