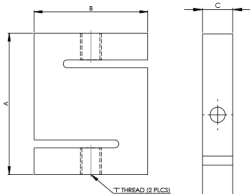




Model SB-MINI

Brand Powered by >>>

Sensotech



| CAPACITY RANGE 25 TO 100 KGF |    |    |    |            |
|------------------------------|----|----|----|------------|
| CAPACITY KGF                 | A  | B  | C  | T          |
| SB-MINI 25-100               | 53 | 43 | 10 | M 8 X 1.25 |

| WIRING SCHEMATIC |                |
|------------------|----------------|
| COLOUR CODE      | CONNECTION     |
| RED              | EXCITATION (+) |
| BLACK            | EXCITATION (-) |
| GREEN            | OUTPUT (+)     |
| WHITE            | OUTPUT (-)     |
| SHIELD           | GROUND         |

Performance Data Features

|  |                         |
|--|-------------------------|
| Capacity Range (in kgf)                    | 10/25/50/100            |
| Capacity Range (in lf)                     |                         |
| Nominal Sensitivity (mV/V)                 | 2±0.25%                 |
| Zero Signal Tolerance                      | 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( % / o C)    | ±0.002                  |
| Effect of Temp. on Span ( % / o 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 M Ω               |
| 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 |

- 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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