

Description

CE Certified 90610-M-TH Mini Pan cake compression type load cell used where space is constraint. It is constructed from Aluminum Alloy/ SS 17-4 ph suitable for harsh industrial applications. It is provided with 3 mounting threaded hole for proper fixing. Loading is through the threaded loading button.

Features

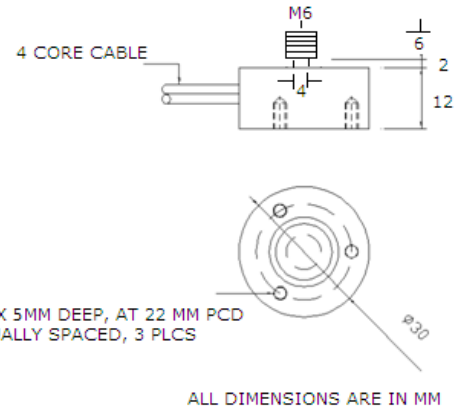
- ❖ **CE Rated** ❖ Available in capacity up to 1000kgf
- ❖ Complete environment protection IP 65 class.
- ❖ Standard output 1.50 mV/V
- ❖ Aluminum / SS construction.

Applications

Tension / Compression Testing	Force & Impact Testing
Robotics	Pharma Machinery
Test Bench	Automation
Spring Testing Machine	Pharmacy Machines

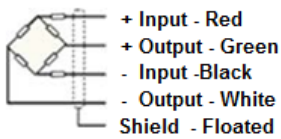
Performance Specification

Standard Capacities	10, 20, 50,100, 200, 500, 1000Kgf.
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	1.50 M V / V +/-0.5
Non - Linearity	< ±0.25% FSO
Hysteresis	< ±0.1% FSO
Non-Repeatability	< ±0.1% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Input Resistance	390 ± 25 Ohms
Output Resistance	350 ± 3 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	1 Meters
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	250%
Temp. Compensated Range	10-50 °C
Temperature Effect on Output	< 0.005% FSO/ °C
Temperature Effect on Zero	< 0.005% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	10, 20Kgf. - Aluminum Alloy 50, 500Kgf. - SS 17-4 PH
Environmental Protection Class	Meets to IP 65



Electrical Termination

Options



Compatible Instruments with Relay output, 4-20 mA or 0-2 Volt Output
Digital Version with RS-485 interface / USB output / Blue Tooth Telemetry / Wireless Telemetry
Software for Graphic, Tabulation, Reporting and Analysis

Specifications are subject to change.

All dimensions are in mm.



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