

Description

CE Qualified 90610-M-T Mini Pan cake compression type load cell is very miniature and is used where space is constraint. It is constructed from Stainless Steel 17-4 PH suitable for harsh and hygienic industrial applications. It is provided 3 mounting threaded hole for proper fixing. It is strain gage based with temperature compensation.

Features

- ❖ **CE Rated** ❖ Available in capacity from 0-50 to 0-1000 Kgf
- ❖ Complete environment protection IP 65 class.
- ❖ Standard output 2.0mV/V
- ❖ Hardened Stainless Steel construction.

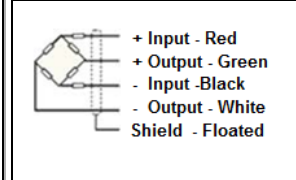
Applications

Compression Testing	Force & Impact Testing
Robotics	Pharma Machinery
Test Bench	Automation

Performance Specification

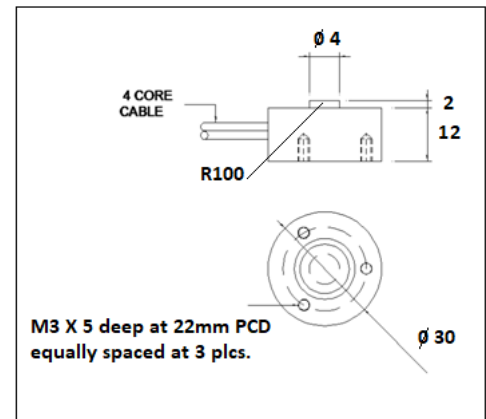
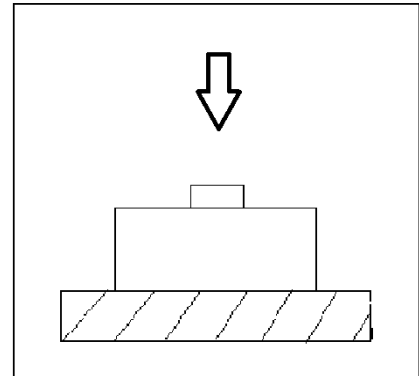
Standard Capacities	50, 100, 200, 300, 500, 750, 1000 Kgf.
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V +/- 0.5
Non - Linearity	< ±0.1% FSO
Hysteresis	< ±0.1% FSO
Non-Repeatability	< ±0.1% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Input Resistance	390 ± 10 Ohms
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	Stainless Steel 17-4 PH
Environmental Protection Class	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



Specification are subject to change without notice.

All dimensions are in mm.

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