

Description

90610-M-T Mini Pan cake compression type load cell used where space is constraint. It is constructed from Aluminum alloy. It is provided 3 mounting threaded hole for proper fixing of cell. Its loading button is modified as threaded suitable for Tablet Hardness Testing Machine.

Features

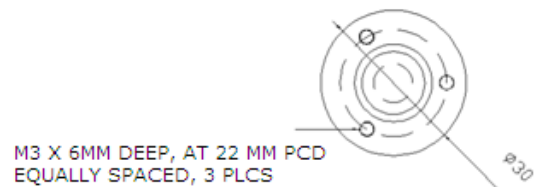
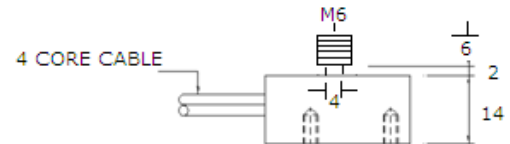
- ❖ Available in capacity 100 kgf
- ❖ Complete environment protection IP 65 class.
- ❖ Standard output 2.0mV/V
- ❖ Aluminum construction.

Applications

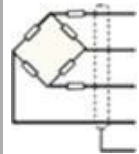
Compression Testing Tablet Hardness Tester Test Bench	Force & Impact Testing Pharma Machinery Robotics & Automation
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Performance Specification

Standard Capacities	100 kgf
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< $\pm 0.25\%$ FSO
Hysteresis	< $\pm 0.1\%$ FSO
Non-Repeatability	< $\pm 0.1\%$ FSO
Creep (30 minutes)	< $\pm 0.03\%$ FSO
Zero Balance	$\pm 1.0\%$ 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	0-60 °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	Aluminum
Environmental Protection Class	IP 65



ALL DIMENSIONS ARE IN MM

Electrical Termination

+Input	Red
+Output	Green
-Input	Black
-Output	White
Shield	

Manufactured by:



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