

**Description**

**CE Certified** 90610-M is Mini Pan cake compression type load cell. It is very miniature & compact and is used where space is constraint. It is constructed from Aluminum Alloy / Stainless Steel 17-4 PH suitable for harsh and hygienic industrial applications. It is strain gage based with temperature compensation.

**Features**

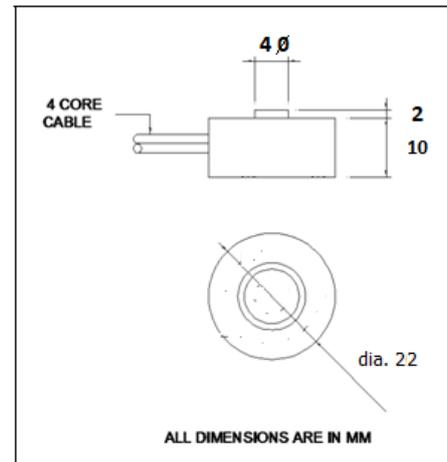
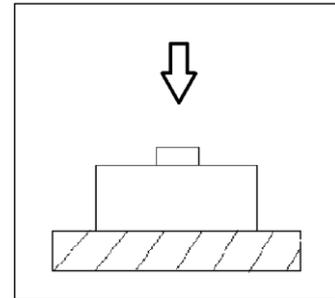
- ❖ **CE Rated** ❖ Available in capacities are 50, 100, 150, 200, 300, 500 kgf.
- ❖ Complete environment protection IP 65 class.
- ❖ Aluminum Alloy or Stainless Steel construction.

**Applications**

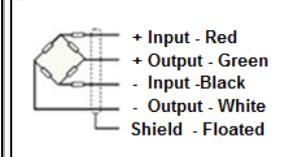
Compression Testing	Force & Impact Testing
Robotics	Pharma Machinery
Test Bench	Automation

**Performance Specification**

Standard Capacities	50, 100, 150, 200, 300, 500kgf
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V +/- 0.5
Non - Linearity	< ±0.5% FSO
Hysteresis	< ±0.2% FSO
Non-Repeatability	< ±0.2% FSO
Creep (30 minutes)	< ±0.05% 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 Meter
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	200%
Temp. Compensated Range	10-50 °C
Temperature Effect on Output	< 0.0075% FSO/ °C
Temperature Effect on Zero	< 0.005% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	Aluminum Alloy/Stainless Steel 17-4 PH
Environmental Protection Class	Meets 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.**



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