

**Description**

**CE Certified** 90610-M Super Mini Pan cake compression type load cell is very miniature 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**

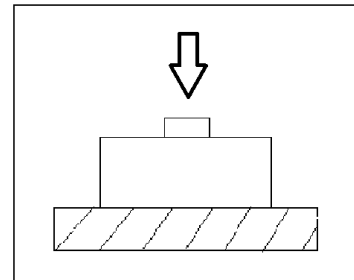
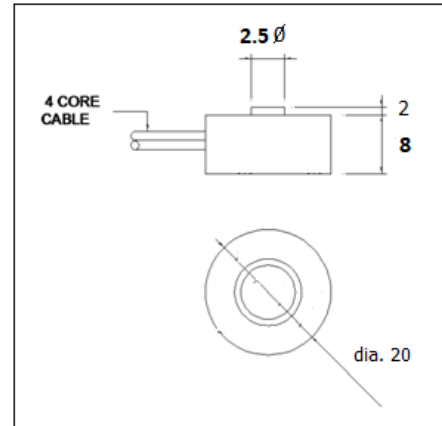
- ❖ **CE Rated** ❖ Available in capacities are 20, 50, 100, 150, 200Kgf.
- ❖ Complete environment protection IP 65 class.
- ❖ Aluminum Alloy or Hardened Stainless Steel construction.

**Applications**

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

**Performance Specification**

Standard Capacities	20, 50, 100, 150, 200Kgf
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	1.5 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	0-60 °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	20Kgf. - Aluminum Alloy Above 20Kgf. - Stainless Steel 17-4 PH
Environmental Protection Class	Meets IP 65



**Electrical Termination**

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

**Options**

Supportive Hardware such as :  
 Loading Button, Base plate  
 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 and  
 Reporting

Specification are subject to change.

All dimensions are in mm.

	<p>Made in INDIA by:</p> <p><b>ADI ARTECH</b></p> <p><b>TRANSDUCERS PVT. LTD.</b></p> <p>(An ISO 9001:2015 Certified Company)</p>	<p>917/1, G.I.D.C. Estate, Makarpura, Vadodara - 390 010, Gujarat, INDIA</p> <p><b>Mobile</b> : +91-9374068998, 9879444551, 9054467370</p> <p><b>Email</b> : sales@adiartech.com, adiartech@adiartech.com</p> <p><b>Website</b> : www.adiartech.com</p>