

**Description**

**CE Certified** 90610-M Subminiature Mini Pan cake compression type load cell is very miniature and is used where space is constraint. It is constructed from Aluminum Alloy suitable for harsh industrial applications. It is strain gage based with temperature compensation.

**Features**

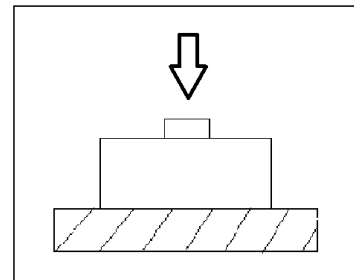
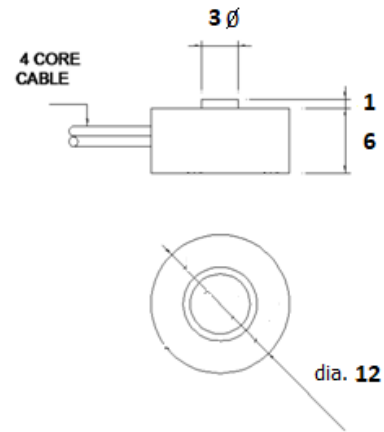
- ❖ **CE Rated** ❖ Available in capacities are 10, 20, 50Kgf.
- ❖ Complete environment protection IP 65 class.
- ❖ Aluminum Alloy or Hardened Stainless Steel construction.

**Applications**

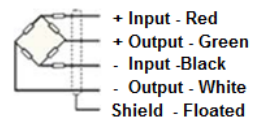
Compression Testing	Force & Impact Testing
Robotics	Pharma Machinery
Test Bench	Automation

**Performance Specification**

Standard Capacities	10, 20, 50Kgf
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>
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