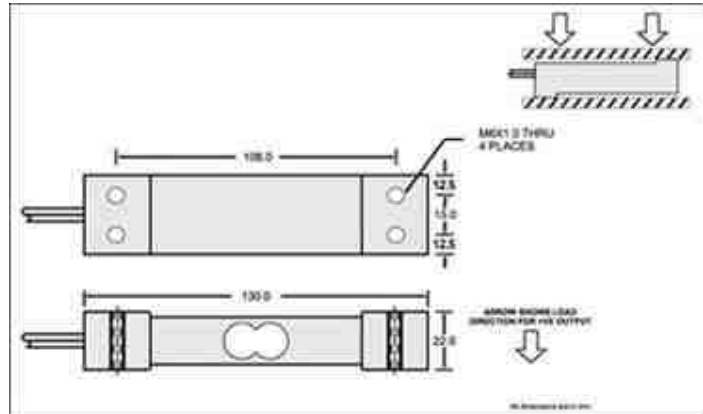




SINGLE POINT LOAD CELL

601AA

601AA economical Load Cell meant for off-centre loading applications and is used in shop weighing scales. Strain gauge based 601AA Load Cell is constructed from Aluminum Alloy for better sensitivity.



Dimensions: 130x40x22(mm) Thread hole: M6

Wiring Scheme

Red + (Input +) White - (Output -) Black - (Input -) Green + (Output +)

Performance Specification

Standard Capacities	40, 60, 80, 100, 120, 200 - Kgf
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 mV/ V
Non - Linearity	< $\pm 0.025\%$ FSO
Hysteresis	< $\pm 0.02\%$ FSO
Non-Repeatability	< $\pm 0.01\%$ FSO
Creep (30 minutes)	< $\pm 0.03\%$ FSO
Zero Balance	$\pm 1.0\%$ FSO
Input Resistance	400 ± 15 Ohms
Output Resistance	350 ± 5 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	500 mm. Minimum
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	200%
Temp. Compensated Range	0-60 $^{\circ}$ C
Temperature Effect on Output	< 0.0015% FSO/ $^{\circ}$ C
Temperature Effect on Zero	< 0.0020% FSO/ $^{\circ}$ C
Platform Size	300mm X 300mm
Eccentric Load Effect	< 0.02% of FSO at 1/3 rated load placed within the specified sized platter
Deflection	< 0.5 mm at FSO
Tightening Torque	1.5 m.kg.
Finish & Construction	Aluminium Alloy
Environmental Protection Class	IP65

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Due to continuous improvement, specifications, dimensions, look, color, feel and features subject to change without notice.