

Description

60210 is low profile single point load cell for platform weighing. It is constructed with Tool Steel for harsh industrial applications. It is Electro less Nickel Plated for providing protection against corrosion. It is strain gauge based with full temperature compensation over 0 to 50°C. Higher capacity can be offered optionally upon request.

Applications

- Small size Economical Platform Scales
- Check Weighers
- Bag Weighers

Key Features

Complete Environmental Protection – Meets IP 65 class

Electro less Nickel Plated Tool steel constructions

Wide range of capacities from 15 KGF to 90 KGF.

Calibration in mV/V/Ω

Can be **customized** to suit customer's need

Technical Specifications

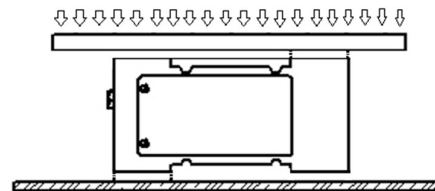
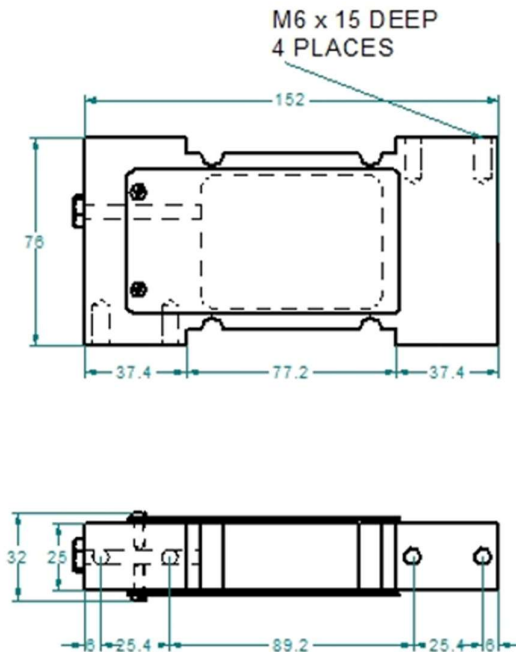
STANDARD CAPACITY		15, 22.5, 45, 90	-KGF
PERFORMANCE	Non - Linearity	< ± 0.025 % FSO	
	Hysteresis	< ± 0.01 % FSO	
	Non-Repeatability	< ± 0.02 % FSO	
	Creep (30 minutes)	< ± 0.03 % FSO	
	Zero Balance	± 1.0 % FSO	
ELECTRICAL	Output	2.00 mV/V $\pm$ 0.2%	
	Excitation Voltage	Maximum 15 VDC (Suggested 5Vdc / 10Vdc)	
	Input Resistance	390 $\pm$ 15.0 Ω (Ohms)	
	Output Resistance	350 $\pm$ 5.0 Ω (Ohms)	
	Insulation Resistance	(100 VDC) > 1000 Mega Ω (Ohms)	
STRUCTURE	Safe Overload Of Rated Capacity	150%	
	Ultimate Overload of Rated Capacity	250%	
	Allowable Side Load	50%	
	Deflection	< 0.4 mm at FSO	
	Platter Size	500 mm X 500 mm	
	Finish Product	Electro less Nickel Plated Tool Steel	
	As per IS/IEC 60529:2001	Meets IP 65	
TEMP.	Operating Temperature	0°C to 60°C	
	Compensated Temperature	10°C to 50°C	
	Temperature Effect on Output	< 0.0025 % FSO/ °C	
	Temperature Effect on Zero	< 0.0030 % FSO/ °C	

60210

SINGLE POINT PLATFORM LOAD CELL

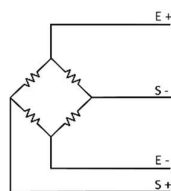


Dimensions (mm)



CAPACITY-KGF	CABLE
15, 22.5, 45, 90	3 Meter
All dimensions are in mm. <i>Specification are subject to change.</i>	

Electrical Termination



Excitation(E+)	Red
Signal(S-)	White
Excitation(E-)	Black
Signal(S+)	Green
Shield	