

MODEL**60210 – SINGLE POINT PLATFORM LOAD CELL****Description**

60210 is low profile load cell for Plate form weighing. It is constructed with Tool Steel. It is Electroless Nickel Plated providing protection against corrosion. It is strain gage based with full temperature compensation over 0 to 50°C.

Features

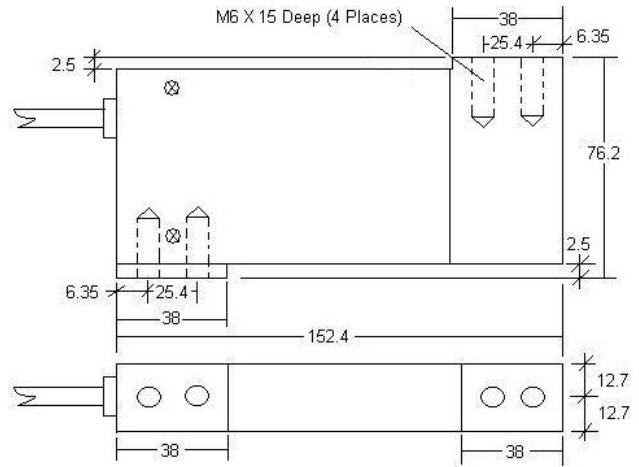
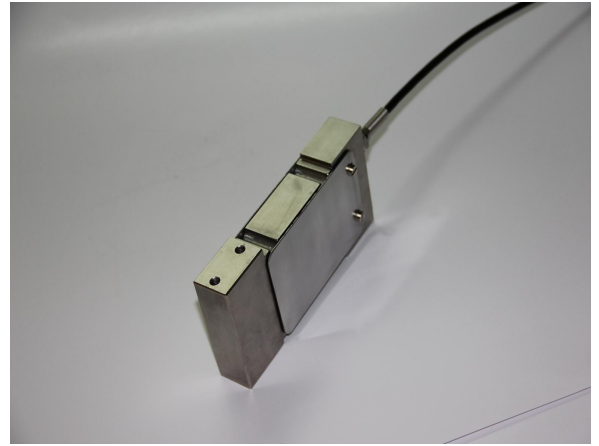
- ❖ 22 Kgf to 100 f capacities are offered.
- ❖ Complete environmental protection for gage area is provided for IP-65 protection class.
- ❖ Other capacities can be customized as per requirements.

Applications

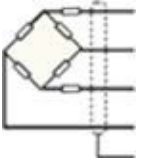
- ❖ Small size Economical Platform Scales
- ❖ Check Weighers
- ❖ Bag Weighers

Performance Specification

Standard Capacities	22.5, 50, 100 Kgf
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< ±0.025% FSO (Full Scale Output)
Hysteresis	< ±0.01% FSO
Non-Repeatability	< ±0.02% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±1.0% FSO
Input Resistance	390 ± 15 Ohms
Output Resistance	350 ± 5 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	1 Meters
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	250%
Allowable Side Load	50%
Temp. Compensated Range	0-50 °C
Temperature Effect on Output	< 0.0015% FSO/ °C
Temperature Effect on Zero	< 0.0020% FSO/ °C
Platter Size	600 X 600 mm
Deflection	< 0.4 mm at FSO
Finish & Construction	Electroless Nickel Plated Tool Steel
Environmental Protection Class	Meets IP 65



All Dimensions are in mm

Electrical Termination											
	<table border="1"> <tr> <td>+Input</td> <td>Red</td> </tr> <tr> <td>+Output</td> <td>Green</td> </tr> <tr> <td>-Input</td> <td>Black</td> </tr> <tr> <td>-Output</td> <td>White</td> </tr> <tr> <td colspan="2" style="text-align: center;">Shield</td> </tr> </table>	+Input	Red	+Output	Green	-Input	Black	-Output	White	Shield	
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