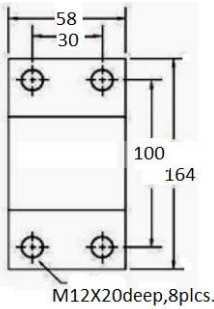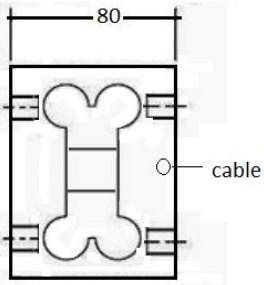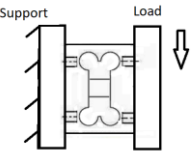| MODEL	60930 – Side Mounted Shear Beam Load Cell

Description

CE Certified 60930 is side mounted load cell, specially designed for Platform Scale, Tank and Silo Weighing. It is constructed with Tool Steel. It is Electro less Nickel Plated for providing protection against corrosion. It is strain gage based with full temperature compensation over 0 to 50°C. It is easy to install and use. It is suitable for wall mounted Hopper, Tank Weighing. This can be used to measure load of Forklifts.

Features

❖ **CE Rated**   ❖ 750Kgf to 5000Kgf 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

❖ Platform Scale
❖ Hopper weighing
❖ Tank Weighing
❖ Forklift
❖ Material Handling

Performance Specification

Standard Capacities – Kgf.	750 , 1000, 1500, 2000, 3000, 5000
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2 mV/ V
Non - Linearity	< ±0.05% FSO (from 4% to 100% range)
Hysteresis	< ±0.03% FSO
Non-Repeatability	< ±0.03% FSO
Creep (30 minutes)	< ±0.03% FSO
Zero Balance	±5.0% FSO
Input Resistance	390 ± 20 Ohms
Output Resistance	350 ± 10 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	5 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	< 0.015% FSO/ °C
Temperature Effect on Zero	< 0.020% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	Electro less Nickel Plated Tool Steel
Environmental Protection Class	Meets IP 65

Electrical Termination	Options
+ Input - Red + Output - Green - Input -Black - Output - White Shield - Floated	* 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, Reporting and Analysis * Customization with customers dimensions

Specifications are subject to change.   All dimensions are in mm.

80

cable

58
30
100
164
M12X20deep,8plcs.

Support   Load