

Description

60520-SS is single point off center load cell , specially designed for small scales . It is constructed from Stainless Steel 17-4 ph. for protection against corrosion. It is strain gage based cell with full temperature compensation over 0 to 50°C. It is easy to install and use. Top and bottom cover plates provided for gage area protection.

Features

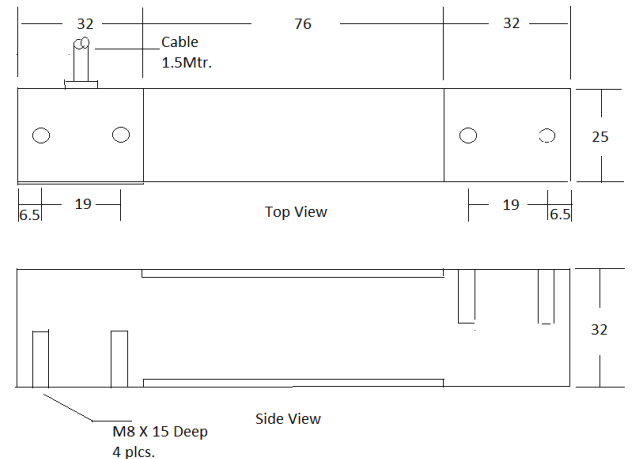
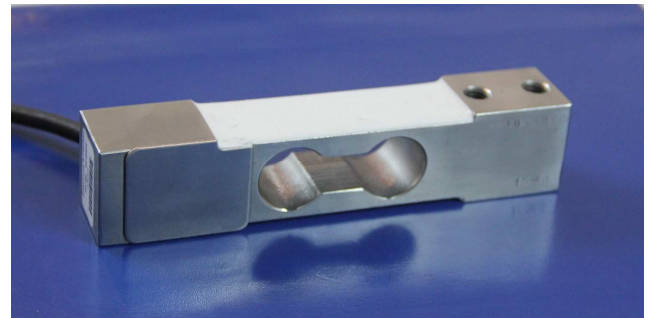
- ❖ 25 , 50 , 75 , 100 Kgf. capacities are offered.
- ❖ Complete environmental protection for gage area is provided for IP-65 protection class.
- ❖ Other capacities can be customized as per requirements.

Applications

- ❖ Table top scales
- ❖ Fishries scales
- ❖ Check weigher
- ❖ Bagging machines
- ❖ Chemical and Pharmaceutical weighing

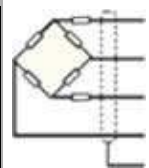
Performance Specification

Standard Capacities	25 , 50 , 75 , 100 Kgf.
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< ±0.025% FSO (from 4% to 100% range)
Hysteresis	< ±0.05% 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)	1.5 Meters
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	250%
Eccentric Load Effect	<0.025 of FSO when 1/3 rated load is placed within 200mm radius from center of load cell
Temp. Compensated Range	0-50 °C
Temperature Effect on Output	< 0.0025% FSO/ °C
Temperature Effect on Zero	< 0.0030% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	Stainless Steel 17-4 ph
Environmental Protection Class	Meets IP 65



All dimensions are in mm.

Electrical Termination



+Input	Red
+Output	Green
-Input	Black
-Output	White
Shield	

Specification are subject to change

Manufactured by:



ADI ARTECH
TRANSDUCERS PVT. LTD.
 A Joint venture with
 ARTECH INDUSTRIES INC., U.S.A

917/1, G.I.D.C. Estate, Makarpura Vadodara - 390 010. Gujarat, INDIA

Ph : +91-265-2655083, 2651023

Fax : +91-265-2638751

M : +91-9374068998, 9327425560

Email : sales@adiartech.com, adiartech@adiartech.com

Website: www.adiartech.com