

Description

CE Certified 50310-is low profile round bending beam load cell for bag and check weighing. It is constructed from SS 17-4 ph for providing protection against corrosion. It is strain gage based with full temperature compensation over 0 to 50°C. It is laser welded hermetically sealed with SS Below. It is suitable for Food, Pharmacy and corrosive Chemical Industries.

Features

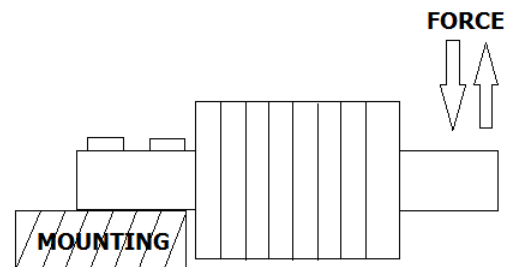
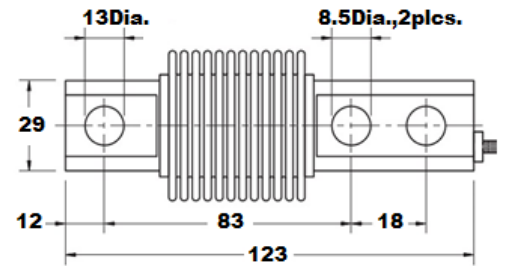
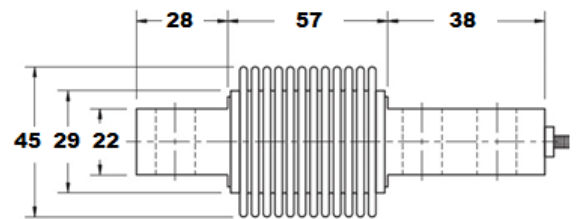
- ❖ **CE Rated** ❖ 0-10 Kgf to 0-500Kgf capacities are offered.
- ❖ Complete environmental protection for gage area is provided for IP-68 protection class with laser welded SS below.
- ❖ Other capacities can be customized as per requirements.

Applications

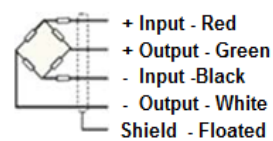
- ❖ Check Weighers ❖ Tank & Hopper Weighing ❖ Batching & Packaging Machines
- ❖ Bag Weighers ❖ Bench Scale ❖ Floor Scale

Performance Specification

Standard Capacities	10, 20, 50, 100, 200, 500 Kgf
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< ±0.05% 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	370 ± 15 Ohms
Output Resistance	350 ± 2 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	3 Meters
Safe Overload of Rated Capacity	150%
Temp. Compensated Range	0-50 °C
Temperature Effect on Output	< 0.005% FSO/ °C
Temperature Effect on Zero	< 0.010% FSO/ °C
Deflection	< 0.4 mm at FSO
Finish & Construction	Stainless Steel 17-4 PH
Environmental Protection Class	Meets IP 68



Electrical Termination



Options

- * 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 and Reporting
- * Customization with customers dimensions

Specification are subject to change.

All dimensions are in mm.



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