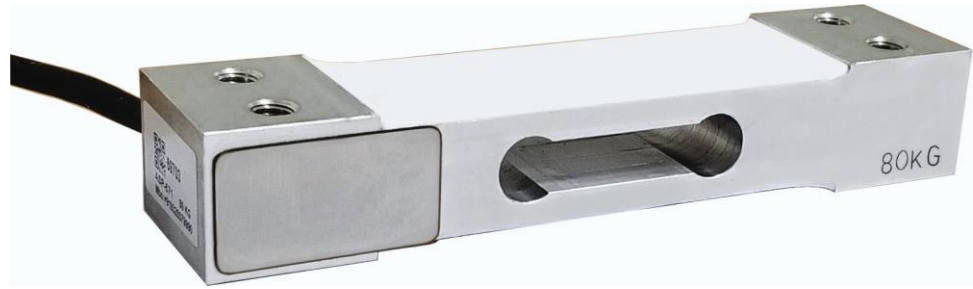


ASP-671

SINGLE POINT TABLE TOP LOAD CELL



DESCRIPTION

ASP-671 is a high accuracy, low profile single point table top loadcell for check weighers & table top scales.



APPLICATIONS

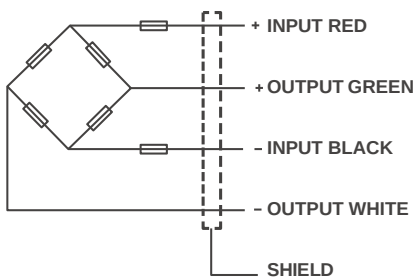
- Small size economical Platform Scales
- Bag Weighing
- Check Weighing
- Counting & postal scale



KEY FEATURES

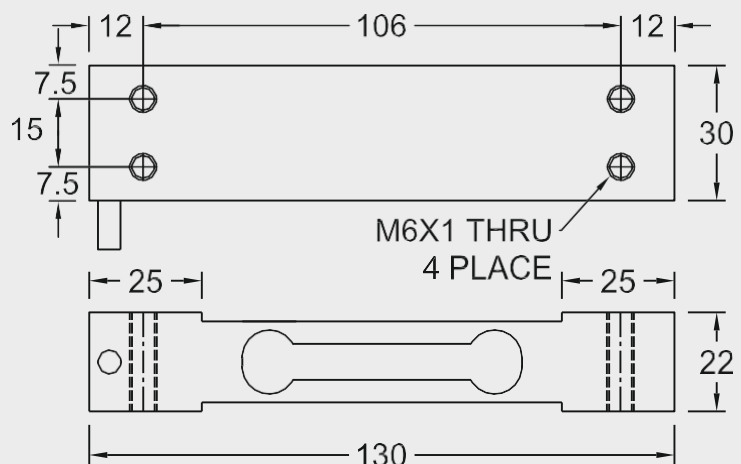
- Low profile bending beam load cell design
- Single point capability with minimum off center error.
- Support Platform size of 300x300mm

Electrical Termination



SPECIFICATIONS

Rated capacity (Kgf.)	: 3, 6, 10, 20, 30, 40, 60, 80
Excitation Voltage	: 3 VDC - 15 VDC
Rated Output	: 2.0 mV/V
Non – Linearity	: $< \pm 0.025 \% \text{ FSO}$ (Full scale Output)
Hysteresis	: $< \pm 0.02 \% \text{ FSO}$
Non-Repeatability	: $< \pm 0.01 \% \text{ FSO}$
Creep error (30 minutes)	: $< \pm 0.03 \% \text{ FSO}$
Zero Load Output	: $\pm 1.0 \% \text{ FSO}$
Input Resistance	: $400 \pm 15 \text{ Ohms}$
Output Resistance	: $350 \pm 10 \text{ Ohms}$
Insulation Resistance	: $> 1000 \text{ Mega Ohms}$
Cable length	: 1 meters
Safe Overload	: 150 % of Rated Capacity
Ultimate Overload	: 250 % of Rated Capacity
Temperature Compensated Range	: 0 to 60° C
Temperature Effect on Output	: $< 0.0015 \% \text{ FSO}/^\circ \text{C}$
Temperature Effect on Zero	: $< 0.002 \% \text{ FSO}/^\circ \text{C}$
Max. Platform Size	: 300 x 300 mm
Off Center Load Error	: $< 0.02\% \text{ of FSO at } 1/3 \text{ rated load placed at edge of specified size platform}$
Deflection	: $< 0.5 \text{ mm at FSO}$
Finish & Construction	: Anodized Aluminum Alloy
Environment Protection	: IP 65



All Dimensions are in mm



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