

Junction Box

Analog Junction Box

Load Cell Junction box is designed for the use of summing the signal outputs from multiple load cells. The junction box is constructed using thick MS sheet and is powder coated to withstand harsh environmental conditions. Protective rubber seal for the lid, airtight cable glands for routing cables ensure prevention of moisture & dust ingress, thus preventing signal distortion. A high quality signal thus obtained, offers higher resolution in the constructed weighing scale.



Features

- Makes weigh scale installation fast and easy
- Powder coated MS sheet enclosure sealed against moisture and dust
- Airtight cable glands for load cell cables and output cable to indicator
- Signal trimming by trim pots for every load cell (corner error correction)
- Section trimming by trim pots for every section
- Protection against high voltage induced by lightning

Technical Specifications

Load cell connectivity	4 (JB04), 6 (JB06) or 8 (JB08), 10 (JB10), 12 (JB12)
Corner adjustment	Through multi turn potentiometers for individual load cells
Section load trimming	Through multi turn potentiometers (one for each section)
Electrical protection	Special lightening protection components for protection against transients induced by lightning
Environmental protection	Rubber Seal Gasket on top cover and air tight cable glands for entry of load cell cables and indicator cables
Dimensions (mm)	JB04:- 230 X 190 X 55 JB06:- 250 X 190 X 55 JB08:- 280 x 190 X 55 JB10:- 315 X 190 X 55 JB12:- 350 X 190 x 55

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