

SAFELoad CONTROLLER - V2



Description

The **SAFE-LOAD** electronic controller is designed to convert analog electrical stress from Load Cell into a digital weight value. The indicator, with 2 relay outputs is useful to avoid accidents and breakdowns due to overloads in EOT Cranes, winches & hoists among many other applications. The controller can be connected to a larger display for remote viewing and optional storage of load value.

Technical Characteristics

- Input Supply : 48 - 230VAC, 50Hz.
- Programmable overload protection with 2 relays
- Optional Input supplies available on demand.
- 4 buttons for programming: DEC, INC, SET, SHIFT
- 1.3 inch 128 x 64 pixel Oled Display.
- 3 Status Indicator LEDs (Power & 2 Relays)
- Sensor Input in mV.
- Communication with a Larger display with 2 Core Cable via RS-485
- In-built Data Saving Feature
- Weight value Hold Functionality
- Interactive Calibration & User Interface.
- Measurements: L x W x H: 187mm x 186mm x 82mm
- Working temperature -10°C to + 60°C
- High Accuracy, with 24bit ADC
- Accuracy with Wire rope load cell: 5% F.S
- Accuracy with Pin type load cell: 1% F.S

Optional Customization

- Large Digital Display connection : 7 Inch, 14 Inch.
- Wireless Display
- Handheld remote display
- Dual-Channel operation for two load-cell Connections & 4 relay outputs.
- Analog Output : 0-10V / 4-20mA
- IOT based Data Logger for weight storage.

NOTE 1: For load cell cable extension, use 4 core shielded cable 0.25sq. mm only.

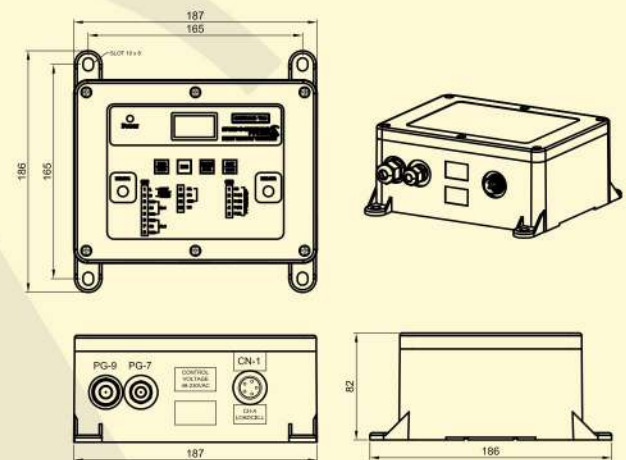
NOTE 2: For display modbus connection, use 2 core 0.5sq mm shielded cable only

NOTE 3: Use separate cable for display power supply modbus connection

Safeload Controller



Dimension:



Compatible with all Load Cells

