



SPARK

Drives & Automation

LOADCELL TRANSMITTER WITH LCD DISPLAY

Indicates measured weight in GRAMS (1.000 to 9999 gms)

Load cells are an essential portion of many machines, used for measuring weight, load, and tension.

SPARK DNA's Load cell transmitter plays a vital role in converting the output of load cells which is normally in the range of mV (with uV sensitivity) into 16-bit MODBUS data without losing the sensitivity and preserving the accuracy.



SALIENT FEATURES

- ✓ Standard 24V Operation.
- ✓ 16x2 LCD display function available to display measured weight and counts.
- ✓ Displays the weight directly in GRAMS (1.000 gms to 9999 grams)
- ✓ Up to Four Load Cells can be interfaced using Junction Box.
- ✓ In built Digital Calibration Function.
- ✓ User programmable Load cell ADC sampling time and Moving Average.

AVAILABLE OUTPUTS

- ✓ Built-in RS-485 (16-bit Resolution) MODBUS RTU Communication.
- ✓ Using RS485 measured weight in GRAMS or Loadcell Count can be read.
- ✓ 0...10VDC Analog Output - 12 bit Resolution.
- ✓ 4...20mA Current Output (optional).

DIMENSIONS

- ✓ Industry Standard DIN casing 144 x 72 x 120 (mm)
- ✓ Panel mount

CONNECTOR DETAILS (back-side)

