DATA SPEED S.R.L.
Str. Corneliu Coposu nr. 103, Cluj-Napoca, cod 400235, jud. Cluj
Tel: 0264 566 473, 0735 803 121
office@dataspeed.ro · www.dataspeed.ro

Indicator cantarire PMD-STRAIN



Indicator cantarire PMD-STRAIN Producator: LCM Systems PMD-STRAIN Load Cell and Strain Gauge Input Panel Mounting Display

Descriere

PMD-STRAIN Load Cell and Strain Gauge Input Panel Mounting Display

Features :

- Suitable for most standard wheatstone bridge sensors
- Menu free setup and calibration
- 14.2mm high red LED display.
- AC or DC powered versions
- Wide choice of analogue, relay or digital outputs
- All option boards are pluggable and can be retro-fitted
- IP65 sealed (option for IP67 sealing)

The PMD-STRAIN is a panel mounting display for use with strain gauge bridge based sensors,; including load cells, load pins etc.

This series of display offers very simple operation and configuration.

The PMD-STRAIN does not use a menu system to configure and calibrate the display, making installation and commissioning very straightforward.

To simplify commissioning even further, the product instruction manual provides step by step pictorial details for each function that you may want to configure, saving time searching through an overly complex manual trying to find that one parameter that you wish to change.

Options valuable for the PMD-STRAIN include:-

Power supply options available include 95-265vac, 11-30vdc and 48vac.

Output options available include 4-20mA, 0-10v, ±10v, 2 relay alarms, 4 relay alarms, RS232 or RS485.

The main application for the PMD-STRAIN is for simple crane weighing applications, hoist and winch monitoring, as well as many other force measurement applications.

Different input signals are available including Serial input (see PMD-SERIAL), process input (see PMD-PROCESS).

LCM Systems engineers will be pleased to discuss your specific application requirements with you. They will be able to advise on the correct product selection, options required and advise on suitable sensors, where required.

Specifications	
Power Supply	95-265vac Optional 11-30vdc or 48vac
Power Rating	10 watts maximum

Load Cell Excitation Voltage	5vdc (max. 40mA) or 10vdc (max. 120mA)
Load Cell Bridge Resistance	125ohms using 5vdc excitation, 83ohms using 10vdc excitation
Load Cell Sensivitity	±4mV/V maximum
Input Resistance	>10Megohms
Accuracy	<±0.05%
Zero Temperature Coefficient	<25ppm/°C
Span Temperature Coefficient	<30ppm/°C
Filtering	Selectable time constants from 0-25 seconds
Display Update Rate	10 readings per second
Internal Resolution	1 part in 400,000
Display Range	-199999 to +199999
Connections	All user/installation connections using detachable field screw terminals
Case Material	Black Polycarbonate
Storage Temperature	-20 to +70°C
Operating Temperature	0 to +50°C
Environmental Sealing	IP65 (optional cover increases sealing to IP67)

Specifications