

Standard Features

- » Portable, hand-held design for easy use in a lab or in the field
- » Two-channel indicator
- » Capability of adjustment to direct-read engineering units or mV/V output values
- » Peak, Hold and Tare function buttons on the front panel
- » Battery operated, environmentally sealed, and light weight enable convenient use for field applications
- » TEDS enabled for automatic sensor identification (IEEE1451 - template 33)

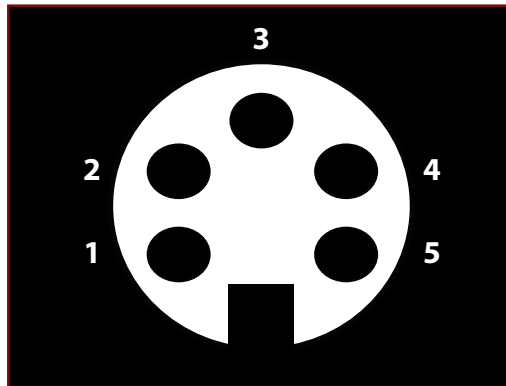


Technical Specifications

Specifications	Load Cell Indicator
	Model: PSD
Input	
Non-Linearity	± 0.005 % FS
Load Cell Excitation	5 VDC (± 4 %), 59 mA maximum current
Battery Life	45 hrs w/ 350 Ω sensors (450 hrs in low power mode)
Load Cell Input Range	± 5 mV/V
Minimum Bridge Resistance	85 Ω (4 off 350 Ω sensors in parallel)
Display	
Screen Type	7.5 digit LCD display, 8.8 mm high digits
Display Resolution at 1 Hz Update Rate	1 part in 250,000
Display Resolution at 10 Hz Update Rate	1 part in 65,000
Update Rate	Up to 40 millisecc (selectable)
Annunciators	Low battery; peak; hold; net; shunt cal; range
General I/O's	
Front Panel	Tactile keys with recessed rims
Power Supply	2off AA size alkaline batteries
Settable Functions	Tare/zero value; low power mode, auto turn off
Settable Display Settings	Display resolution (decimal point), update rate
Environmental	
Operating Temperature	14°F to 122°F (-10°C to +50°C)
Thermal Drift	< 25 ppm / °C
Environmental Rating	IP65 (when mating plug fitted)
Enclosure Type	ABS, dark grey
Dimensions	
Height x Depth x Width	6.0" H, 1.3" D, 3.5" W
Weight	9.2 oz (260 g)



Wiring



Sensor Connection	
Connector Pin	Description
1	Excitation +
2*	Excitation -
3	Signal +
4	Signal -
5	Charge input or TEDS

* Excitation (-) charge input and TEDS common