

- ✓ Two-channel indicator
- ✓ TEDS enabled

- ✓ Peak function
- ✓ Hold function
- ✓ Gross/Net function
- ✓ Power-save mode



- ✓ Integrated display for direct force value read or ratiometric mV/V output

- ✓ Handheld design
- ✓ Battery operated
- ✓ No power cable needed
- ✓ Environmentally sealed

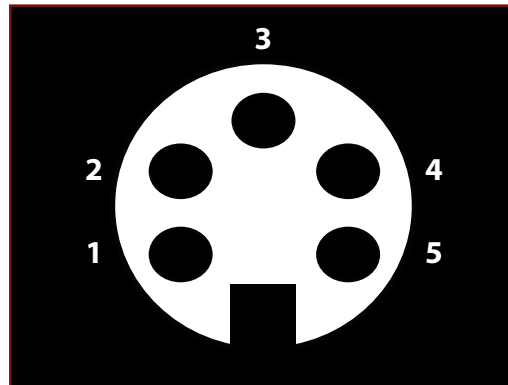
## Standard Features

- » Portable, hand-held design for easy use in a lab on 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  |
| <b>Input</b>                            |   |
| 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)              |
| <b>Display</b>                          |   |
| 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 millisecon (selectable)                    |
| Annunciators                            | Low battery; peak; hold; net; shunt cal; range      |
| <b>General I/O's</b>                    |   |
| Front Panel                             | Tactile keys with recessed rims                     |
| Power Supply                            | 2 off AA size alkaline batteries                    |
| Settable Functions                      | Tare/zero value; low power mode, auto turn off      |
| Settable Display Settings               | Display resolution (decimal point), update rate     |
| <b>Environmental</b>                    |   |
| 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                                      |
| <b>Dimensions</b>                       |   |
| 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