

PORTABLE BATTERY POWERED LOAD INDICATOR (4-1/2 Digit, Single-Channel)

The Model PLND4 is a 4-1/2 digit indicator made for use with any full bridge strain gage type transducer. Indication is direct.

No multipliers are required. Simple operation. For normal use only two controls are involved: turn on the power switch, set the no load balance or tare reading to zero, and begin reading applied loads.

Alternate display units are available.

A calibration check function is included to provide a quick test of the transducer and instrument integrity.

The read out system is fully contained in a rugged and durable aluminum alloy case.

Power is provided by a set of rechargeable batteries. Batteries and a recharger, operable on 110 Vac or 220 Vac, are included within the housing. A detachable power cord is included for recharging.

Battery power provides 10 – 15 hours of continuous use depending on transducer bridge resistance. A ratiometric measuring system prevents battery decay from degrading system accuracy. When the battery voltage level drops to a preset value, a visible indicator signals the need for recharging.



PLND4
Portable Load Indicator (4-1/2 DIGIT)

SPECIFICATIONS

RANGE:

Displayed directly in pounds up to 19999
Decimal point settable to 19.999, 199.99, or 1999.9
to display measured value in thousands.

Display:	4-1/2 digit
Display Accuracy:	± 2 count (after 15 min. warm-up)
Display Size:	0.52" High LED Display
Zero Balance Range:	±20% full scale (FS)
Calibration Check:	Preset to approximately 80% F.S.
Operating Temp.:	+32° to +122°F, 0° to +50°C
Storage Temp.:	-4° to +167°F, -20° to +75°C
Case Size:	6"W x 6"H x 9"L
Weight:	5 lbs. 2 oz.

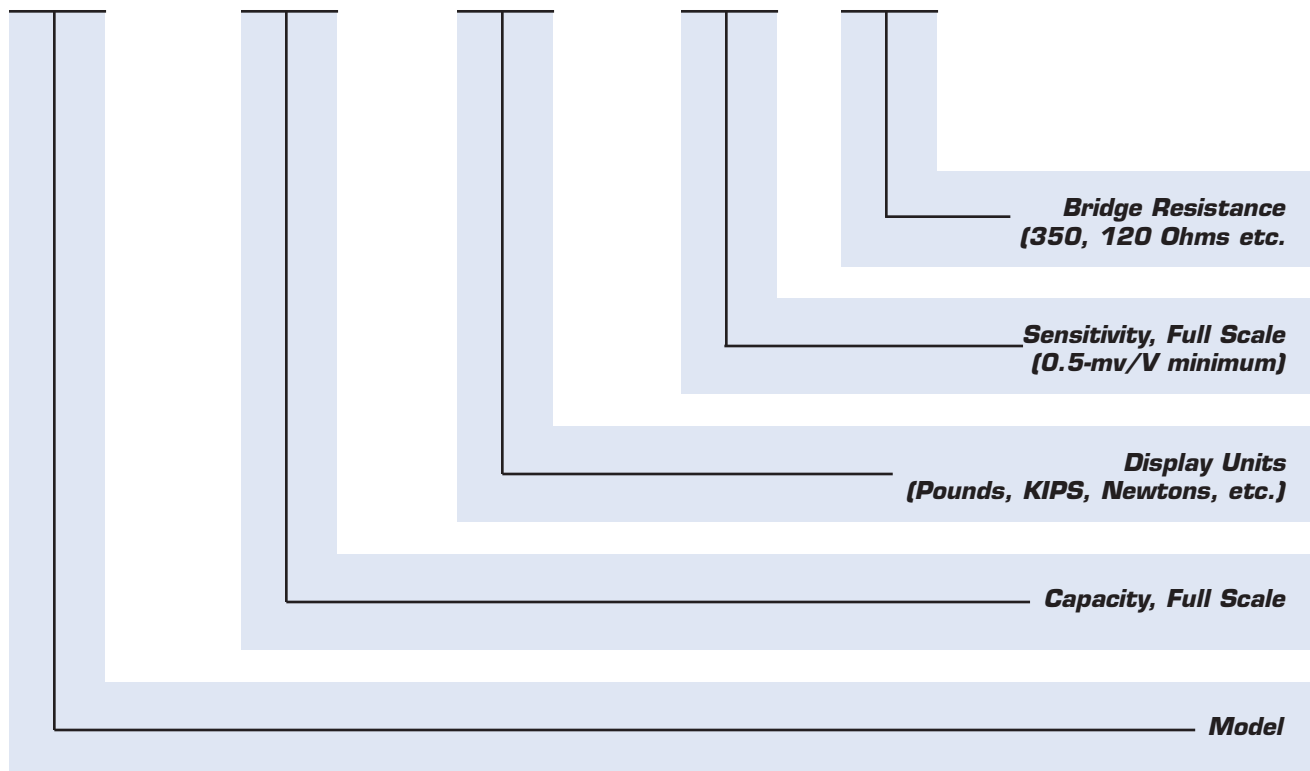
Nickel Cadmium Batteries and Recharger included.
Transducer cable connector: PT06A-10-6P(SR)
Visual Display of Low Battery, Over Range, Polarity.

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ORDERING INFORMATION

Note: When ordering specify full scale load capacity, units of measure, input sensitivity, and bridge resistance.

PLND4 (25,000 POUND, 2-mv/V, 350 Ohms)



Mating Connector – P/N Bx6P

Replacement Battery Set – Model PLNX-233-1 (Set of 5 Nickel Cadmium “C” 1.2V)

**Strainsert Model PLND4 with a
Compression Flat Load Cell®**

