

PORTABLE BATTERY POWERED LOAD INDICATOR (3-1/2 Digit, Multi-Channel)

The PLNX- line of indicators are 1, 2, 3, and 4 channel versions with the same basic circuitry and performance features as the Model PLN-D2. Additional features include different instrument cases, and switching provisions for one to four channels which accommodate up to four transducers.

Indication is direct. Resolution is from 1 pound to 1000 pounds, depending on full scale transducer capacity.

Alternate display units are available.

Simple operation. For normal use only three controls are involved: Turn on the power switch, select the channel, set the no load balance or tare reading to zero, and begin reading applied loads.

A shunt calibration function provides a quick test of transducer and indicator integrity.

The readout 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 with a retractable 110 Vac or 220 Vac power cord, as specified, are included within the housing. In multichannel units, excitation voltage is maintained on all transducers independent of channel switching.

Battery power allows complete freedom of use, and provides average of 5 – 10 hours continuous operation, depending on transducer resistance. A ratiometric measuring technique prevents degrading system accuracy due to battery decay.

A visual display (Flashing “.”) signals that recharging is needed.

Recharging is accomplished by withdrawing the recharge cord from its sealed compartment and plugging into a standard 110 Vac or 220 Vac, 60 or 50 Hz wall receptacle. 220 Vac applications will require plug adapters to be furnished locally by the customer. Batteries are completely recharged overnight and can be left “on charge” indefinitely. Readings can be obtained while the batteries are “on charge”. The instrument is effectively usable on either battery or line power.

PLNX **Multi-Channel Portable Load Indicators** **(3-1/2 DIGIT)**



SPECIFICATIONS

RANGE:

Displayed directly in pounds up to 199900
Displayed in kips above 199900 pounds.

RESOLUTION:

Transducer Capacity	Dummy Zero's	Pounds Per Count
0 – 1999	NONE	1
0 – 19990	1	10
0 – 199900	2	100
0 – 199.9 KIPS	NONE	100
0 – 1999 KIPS	NONE	1000
0 – 19990 KIPS	1	10000

Display:

3-1/2 digit, one or two dummy 0's optional.

Display Accuracy:

±1 count

Display Size:

1/2" inch Liquid Crystal Display

Zero Balance Range:

±20% full scale (FS)

Calibration Check:

Preset to approximately 80% F.S.

Case Size:

6" x 6" x 9"

Weight:

6 lbs.

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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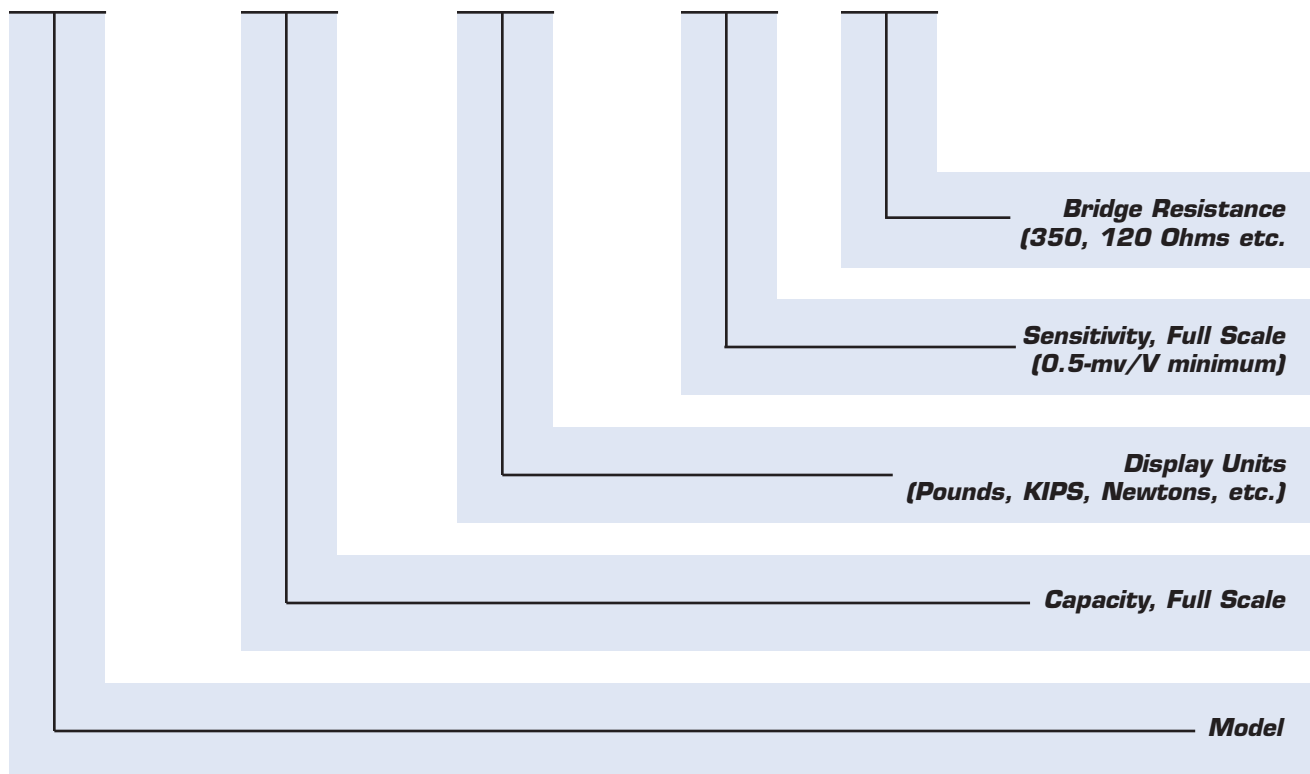
ORDERING INFORMATION

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

Available Models:

PLNX-1	1 Channel Indicator
PLNX-2	2 Channel Indicator
PLNX-3	3 Channel Indicator
PLNX-4	4 Channel Indicator

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



Mating Connector – P/N Bx6P

Replacement Battery Set –
Model PLNX-233-1 (Set of 8 Nickel Cadmium "C" 1.2V)

**Strainsert Model PLNX-4
with Strainsert TLLF Force
Sensing Tension Links**

