

ELECTRONIC LARGE

NUMERICAL COUNTER

Easy-To-Read.

Accurate.

Durable.



An accurate replacement for your old mechanical register.

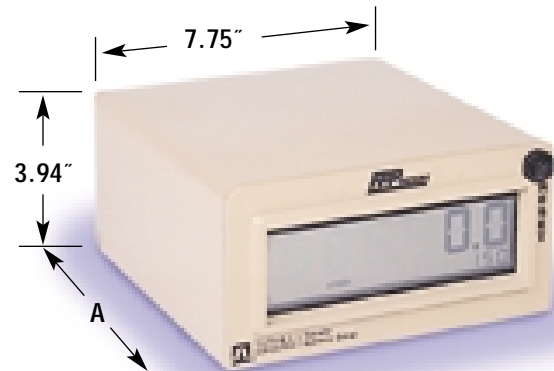
## One rugged, reliable and convenient scaling register

The new Electronic Large Numerical Counter (ELNC) from FPP Meters gives you everything you want in a scaling register, from AC or DC power to shock-resistant electronics. Accurate and durable, the ELNC can be used with any FPP Meter and offers easy-to-read registration of the amount of each delivery or batch in gallons, liters or any other engineered unit. The rugged aluminum housing unit resists corrosion, giving you years of dependable service.

### Special features make this one special register.

The ELNC is loaded with great features, including a Memory Saver Circuit that maintains memory during battery changes, low battery indicator, in-the-field programming and an easy-to-read display. This is one tough register that's packed with value:

- 6-digit Reset Counter, Full 1" Numerals
- 8-digit Non-Reset Totalizer, 3/8" Numerals
- Self Contained Battery Powered & Externally Powered (AC or DC)
- Rugged Aluminum Housing
- NEMA 4 Enclosure
- Pulse Output, 1 or 10 Pulses per Whole Unit
- Intrinsically Safe Design
- Shock Resistant Electronics
- Exclusive Memory Saver Circuit
- Field Programmable Calibration
- Units in Gallons, Liters, Barrels & Other Engineering Units
- Programmable Decimal Point
- -20°F/(-28°C)
- Low Battery Indicator



A=4.2", 6.2" or 8.4" (Options for Depth)

### Applications

The ELNC accessorizes with all FPP Stealth, Mini Oval and Nutating Disc meters. Usage classifications include:

- Agriculture
- Aviation
- Chemical
- Food
- LPG
- Paints & Varnishes
- Petroleum
- Pharmaceutical
- Printing
- Resins

# Model ELNC Electronic Large Numeral Counter



Featuring 6 digits of reset total and 8 digits of non-reset total, the ELNC is a battery powered indicator capable of accepting DC pulse and switch closure inputs. The ELNC has a low battery indicator and an exclusive memory saver circuit that maintains memory during battery changes. It is also field programmable and can be used with all FPP meters. The unit offers shock resistant electronics and is programmable in Gallons, Liters, Barrels and most other engineering units. A lightweight Anodized Aluminum NEMA 4 housing makes the ELNC perfect for your most demanding applications.

**Features:**

- 6-digit Reset Counter, 1" high Digits
- 8-digit Non-reset totalizer, 3/8" high Digits
- Self Contained Battery Powered
- Lightweight, Corrosion Resistant Housing  
NEMA 4 Enclosure
- Shock Resistant Electronics
- Exclusive Memory Saver Circuit
- Field Programmable
- Registration Units in Gallons, Litres, Barrels  
& most other Engineering Units
- Programmable Decimal Point
- Low Battery Indicator
- Optional Pulse Output, 1 or 10 pulses per  
unit
- Optional Backlit Display
- Optional Rate of Flow Display
- Optional Amplified Pulse Output

**Specifications**

- Power:**
  - Supplied with (2) C size 3.6 V Lithium
  - Batteries Saver Circuitry (change batteries without memory loss.)
- Sleep Mode:**
  - If counter is not receiving pulses, the counter will enter a power saving mode to conserve the battery. In this mode, the display will be blank. The counter will power up when it receives a pulse, or when the reset button is pushed.
- Display:**
  - 1" high, 6 digit reset total and/or reset (please specify rate of flow)
  - 3/8" high, 8 digit non-reset total display (whole units only)
  - Low temperature Liquid Crystal
- Descriptors:**
  - Unit Icons are: "GALLONS", "LITERS", "BARRELS" or blank
  - Rate displayed in units per minute only
  - Low battery warning displays "BAT"
- Mounting Styles:**
  - Panel mount
  - Meter mount NEMA 4 Enclosure
- Environmental:** -40°F to 158°F (-40°C to 70°C)
- K-Factor:**
  - Range: 1.00-9999
- Inputs:**
  - Reed Switch or Hall Effect\*  
\*12-24 VDC required
  - 0-100 Hz Frequency
  - 50/50 Duty Cycle

**Battery Life Expectancy:**  
(without pulse output)

BATT SIZE	12 HRS/DAY	24 HRS/DAY
2 C	3.5 YEARS	2 YEARS

# Options

**ELNC-1001A**

- OPTIONS**  
**A=** Pulse Output \*\*  
**B=** Amplified Pulse Output \*\*  
 (Requires External 12 VDC Power)  
**C=** Backlight \* \*\*

- REGISTER**  
**1=** Reset Total, non-reset total  
**2=** Reset Total, rate, non-reset total

- INPUT**  
**0=** Reed Switch (Battery Powered only)  
**1=** Hall Effect Switch

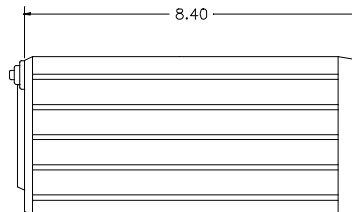
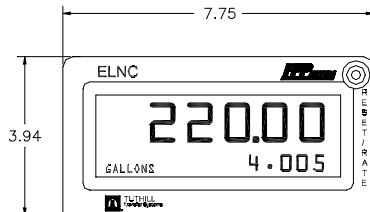
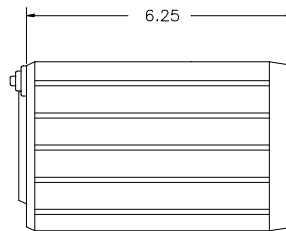
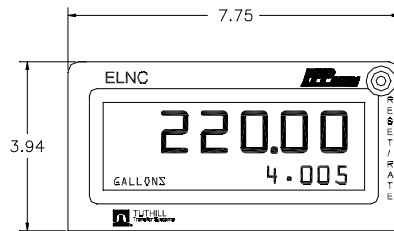
- POWER**  
**0=** Battery, 3.6 V Lithium, Standard  
**1=** Battery, 3.6 V Lithium, Extended life  
**2=** 110/220 VAC  
**3=** 12/24 VDC

- SIZE**  
**1=** V/R Flange, 8 1/2" Case  
**2=** 6 1/4" Case  
**3=** Panel Mount

\*\*Added cost

\*Currently not available

# Enclosure Options (inches)



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