

London Electronics DC Loop Powered Meters

- Powered Entirely from the Input Signal
- High Contrast LCD Display
- Clear Visibility in Direct Sunlight
- 1/8 DIN Case
- Detachable Screw Terminal Connectors
- Wide Ranging Zero and Span Control
- Selectable Decimal Point Location
- Simple to Install
- Low Cost
- X10 and X100 Add-On Zeros (Jumper Selectable)

SPECIFICATIONS

Input Ranges:	2-wire connection, 4 mA–20 mA DC, 125Ω 10 mA–50 mA DC, 50Ω, 1 mA–5 mA DC
Display Type:	7-segment, HI-C LCD
Display Height:	12.7 mm 0.50"
Decimal Points:	Selectable internally
Power Voltage:	Line drop <2.5V DC
Power Consumption:	100 mW maximum
CMRR:	65 dB, DC to 450 Hz
Size:	1/8 DIN panel area and cutout
Weight:	150 grams typically
Case Material:	94V-0 UL polycarbonate
Operating Temperature:	-10°C to 50°C
Storage Temperature:	-40°C to 85°C
Relative Humidity:	Non-condensing 90% maximum @ 40°C

PRO ▶


88-PRO

The 88-PRO is a low-cost, 3 1/2-digit, scalable, process input indicator. It has an easy-to-read LCD display and detachable screw terminals. The basic 3 1/2-digit offers 0 to 1,999 display range. This can be extended to 0 to 199,900 with both add-on zeroes enabled.

ORDERING INFORMATION

88-PRO 3 1/2 Digit Loop Powered Meter

Extech Panel Tachometer

- Measure rpm from 5 to 99,990rpm with microprocessor quartz crystal accuracy of 0.05%
- Large LED display updates 1/sec (> 60rpm)
- Unique design permits rpm measurements of a one hole gear or disk, eliminating the need for special gears
- A pulse is measured when a ferrous object (stud) passes by sensor
- Optional proximity and photo sensors

Proximity sensor is designed for target distance of 0.1" (3mm), covers range to 36,000rpm (600Hz).

Photoelectric sensor has target distance of 0.4" (10mm) and range to 6,000rpm (100Hz).

Both encapsulated sensors include 6 ft. (1.8m) cable.

SPECIFICATIONS

Range:	5 to 99,990rpm
Basic accuracy:	±0.05%
Resolution:	0.1rpm (5 to 1000rpm), 1rpm (1000 to 9999rpm), 10rpm (10,000rpm to 99,990rpm)
Power:	115V or 230V AC; 50/60Hz
Dimensions:	Bezel 3.8x1.9x2.4" (96x48x60mm); Meter 3.6x3.5x1.7"
Panel Cutout:	3.6x1.8" (92x45mm) (92x90x42mm)
Sampling Time:	1sec for > 60rpm, > 1sec for 10 to 60rpm
Dimensions:	4.9x2x1.3" (124x50x33mm)


461950 ▲

461955

461957

ORDERING INFORMATION

461950	1/8 DIN Panel Tachometer
461955	Proximity Sensor, 36,000 rpm max
461957	Photoelectric Sensor, 6000 rpm max