

## 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 mADC, 125Ω 10 mA–50 mADC, 50Ω, 1 mA–5 mADC
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 ½-digit, scalable, process input indicator. It has an easy-to-read LCD display and detachable screw terminals. The basic 3 ½-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 ½-Digit Loop Powered Meter

## Monarch Panel Tachometers and Totalizer

### ACT Series

- Universal Input from Optical, Infrared, Proximity and Magnetic Sensors
- Direct TTL and 200 mV to 50 VAC Input Signals
- Selection of Sensors For All Environments

The ACT tachometers offer a simple RPM display or can be interfaced with data acquisition systems in your control room. The ACT-1B/115 operates from a single pulse per revolution. ACT-3/115 is front panel programmable for single or multiple pulses per revolution and for scaling. The ACT-3 is supplied with NIST CERTIFICATE and has 2 alarm set points, offset analog voltage, current, TTL pulse and RS-232 outputs and offers a counter (totalizer) mode.

**ACT-1B** ▼


### SPECIFICATIONS

	ACT-1B/115	ACT-3/115
Speed Range	5 to 100,000 RPM	5 to 999,99 RPM
Accuracy	1 RPM	.001%, .0001 to 10 RPM
Display	.56" H red LED	.56" H red LED
Totalizer	N/A	1-99,999
Alarm Capability	N/A	Two alarm set points. Front panel programmable as high or low.
Analog Outputs	N/A	Voltage(0-5 VDC), Current (4-20 mA)
Pulse Repeater	N/A	Pulse Output, 0-5V TTL compatible
Dimensions	1/8 DIN by 4.5" deep	1/8 DIN by 7" deep.

**Compatible speed sensors on page 118**

### ORDERING INFORMATION

ACT-3/115	Tach/Totalizer
ACT-1B/115	Tach (1 Pulse/Rev)