



# P81000 Phase Rotation Detector



## PRODUCT FEATURES

- 3-phase rotation detection: normal phase, reverse phase and phase deficiency
- Functionality options include detection of live wires, simple power, fire-wire, breakpoint location, DC line break and line maintenance
- Dynamic LED display
- Magnetic base plate footings allow temporary mounting to metal surfaces
- Power-saving performance with maximum rated power of 100mVA

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# P81000 Phase Rotation Detector



## GENERAL CHARACTERISTICS

### POWER

AA1.5Vx2

### INPUT VOLTAGE

70-600VAC

### FREQUENCY RANGE

40-70 Hz

### PRODUCT SIZE

2.75" x 2.95" x 1.18"  
(70mm x 75mm x 30mm)

### PRODUCT NET WEIGHT

.36 lbs. (164g)

### STANDARD INDIVIDUAL PACKAGING



Oxford Fabric Bag

### STANDARD QUANTITY PER CARTON

1 pc.

### MEASUREMENT OF STANDARD CARTON

7" x 5" x 5"  
(177.8mm x 127mm x 127mm)

### WEIGHT OF STANDARD CARTON

1.1 lbs. (499g)

## SPECIFICATIONS

Power Supply	2 AA batteries
Clamp Wire Size	Diameter $\varnothing$ .06- $\varnothing$ .63" ( $\varnothing$ 1.6- $\varnothing$ 16mm)
Live Voltage Range	AC70~1000V
Auto Power Off	Meter automatically powers off after 5 minutes of inactivity
Working Temperature	-10~50°C (14~122°F); below 80%rh
Storage Temperature	-20~60°C (-4~140°F); below 90%rh
LED Display	Positive phase sequence: The four-phase sequence lamps blink in order (clockwise) Negative phase sequence: The four-phase sequence lamps blink in order (counterclockwise) Live voltage indication: L1/L2/L3 lamps light up Default phase: L1/L2/L3 lamps are off Open circuit: L1/L2/L3 lamps are off
Beep	Positive phase sequence: Intermittent short beeps Negative phase sequence: Continuous long beeps
Magnetic Force	Magnetic base plate footings allow temporary mounting to metal surfaces
Clamp Lead Length	1.96' (0.6m)
Maximum Measured Voltage	AC1000V
Dielectric Strength	5.4kVrms
Maximum Rated Power	300mVA
Safety Provisions	EN61010-1: 2001, EN61010-031: 2002, Pollution level 2, CAT III(600V)
Meter Weight	.44 lbs. (200g) with battery
Meter Dimensions	Width, height, thickness 2.75" x 2.95" x 1.18" (70mm x 75mm x 30mm)

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