

890 PR Phase Sequence Indicator (Non-Contact Type)

Features

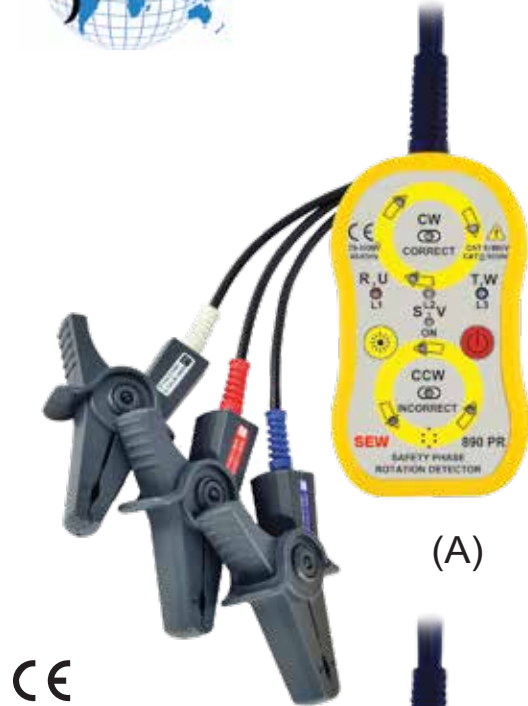
- Non-Contact phase sequence detector.
- Flashing LEDs and beeping buzzer indications of AC 3-phase sequence.
- Two functions in one unit: open phase and phase sequence detection.
- Convenient brightness switch to make the indication visible in dim areas or sunlight.
- Back cover magnet attaches the instrument to the AC distribution panel, offering easy measurement.
- Detects 3-Phase AC voltage from 70V to 1000V.
- Conductor size: 1~35mm.
- Detection frequency range from 45Hz to 65Hz.

Specifications

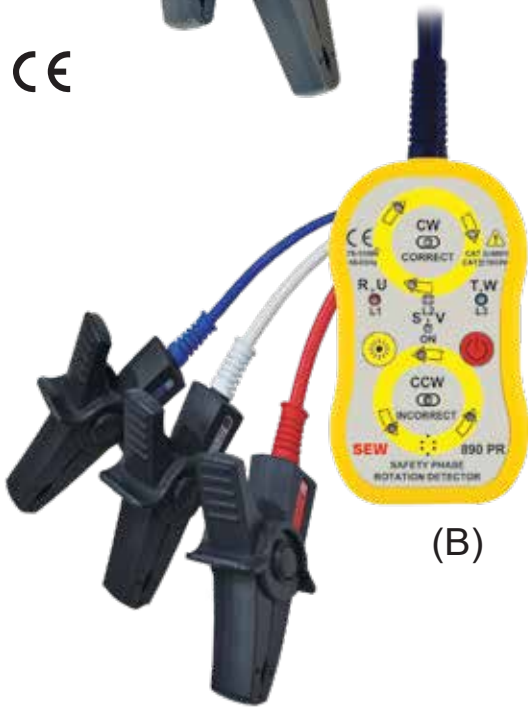
Measurement principle	Static induction
Input voltage	70~1000Vac
Frequency range	45-65Hz
Auto-off	5 min. after power on without detection
Low battery warning	Power LED flashes at 4.6±0.1V or less
Operating temperature & humidity	0°C ~ 40°C Max. 80% R.H.
Storage temperature & humidity	-10°C ~ 50°C Max. 80% R.H.
Cable length Approx.	800mm
Dimensions	118(L) × 69(W) × 38(D)mm
Weight (battery included)	Approx. 370g
Power source	1.5V (AA) × 4 Alkaline batteries
Safety standard	EN 61010-1 CAT III 1000V / CAT IV 600V EN 61326-1 EN 61557-1 EN 61557-7

Live Wire Check

State	Indication
Live	Phase with L1, L2, L3, "ON" is live state
Missing line of earth line	LED doesn't light up for missing line of earth line
Earth line (Delta connection)	Phase with flashing LED is an earth phase
Positive phase	Green rotation LEDs flash in clockwise direction, and buzzer sounds intermittently. The circuit under test will have forward rotation.
Reversed phase	Red rotation LEDs flash in anticlockwise direction, and buzzer sounds continuously. The circuit under test will have reverse rotation.
Detect Indications	Live phase: L1, L2, L3 LEDs illuminated Open phase: Corresponding LED not illuminated Correct phase sequence: Green CW (clockwise) LED Incorrect phase sequence: Red CCW (counterclockwise)



(A)



(B)

Accessories

- Instruction manual
- Test leads
- Soft pouch
- Battery