



# DT-902

## MOTOR & PHASE ROTATION INDICATOR

The unique DT-902 provides rotary field and motor rotation indication with the benefits of contact-less detection. Purposely made for commercial and industrial environments, the DT-902 provides rapid indication of 3 phase rotation using test leads supplied or can be used to determine motor rotation on synchronous and asynchronous 3 phase motors. The contact-less detection is ideal for use on motors where the shaft is not visible.

### IDEAL FOR TESTING

1. Rotary Field Direction
2. Non Contact Rotary field indication
3. Determines the motor connection
4. Magnetic Field direction

Test probes supplied with the instrument have a variable clamping range for safe contact, especially in industrial sockets.

### PRODUCT FEATURES

Voltage Range	: 1V to 400V
Frequency Range	: 2 to 400Hz
Test Current (per Phase)	: <3.5mA
Confirms to IEC61010/EN61010, CAT III 600V	
Protection Level	: IP40

### SPECIFICATIONS

#### Environmental

- Operating Temperature : 0°C to + 40°C
- Operating Altitude : 2000 m
- Pollution Degree : 2
- Type of protection : IP40

#### Mechanical Specifications

- Size (H x W x D) : 130mm x 69mm x 32mm.
- Weight : 130g
- Humidity : 15% to 80%

#### Safety Specifications

- Electrical Safety Meets DIN VDE 0411, IEC 61010 DIN, VDE 0413-7, IEC 61557-7 / EN 61557-7
- Maximum Operating Voltage (Ume) 400 V AC for all ranges
- Protection Levels CAT III, 300V

#### Electrical Specifications

- Battery 9V alkaline, IEC 6LR61
- Current Consumption Max 20 mA
- Battery life Minimum 1 year for average use
- Determines Rotary Field Direction
- Nominal Voltage Rotary Direction 1 to 400 V AC
- Nominal Voltage phase indirection 120 to 400 V AC
- Frequency Range (fn) 2 to 400HZ
- Test Currents (In per phase) Less than 3.5 m A
- Non-Contact Rotary Field Indication
- Frequency Range (fn) 2 to 400HZ
- Determines the Motor Connection
- Nominal Test Voltage (U me) 1 to 400 V AC
- Nominal Test Currents (In per phase) Less than 3.5 m A
- Frequency Range (fn) 2 to 400 HZ

### INCLUDED ACCESSORIES

Carrying Case , Instruction Manual , Testing Leads, Test Report