



# **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

# **Mechanical Specifications**

• Type of protection

• Size (H x W x D) : 130mm x 69mm x 32mm.

: IP40

• 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 Direction1 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