



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 (U_{me}) 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 (I_n 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 (I_n 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