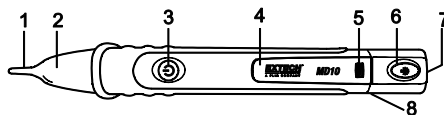


Magnet Detector - Model MD10



Introduction

Thank you for selecting the Extech Instruments Model MD10 magnetic field detector. The MD10 can test solenoid valves in pneumatic/hydraulic control equipment, relays with coils, electrically controlled solenoid valves in vehicles/machinery/oil burners, and audio speaker coils. The MD10 responds to AC/DC magnetic fields and permanent magnets.

Safety Information



Caution! Refer to the explanation in this Manual



Double Insulation or Reinforced insulation



CE Compliance

- This device must not be handled by children. It contains hazardous objects as well as small parts that can be swallowed.
- Do not leave batteries and packing material unattended; they can be dangerous for children.
- If unused for an extended period of time, remove the batteries from this device
- Expired or damaged batteries can cause cauterization on contact with the skin; use suitable hand gloves in such cases
- Ensure that the batteries are not short-circuited. Do not throw batteries into the fire.

Operating Instructions

CAUTION: Read, understand and follow Safety Rules and Operating Instructions in this manual before using this product.

WARNING: Risk of Electrocutation. Before use, always test the Magnet Detector on a known live circuit to verify proper operation

WARNING: Risk of Electrocutation. Keep hands and fingers on the body of the probe and away from the probe tip.

1. Press and hold the test switch (3) and approach the testing area slowly with the probe tip (1).
2. When a magnetic field is sensed by the MD10, the blue probe light (2) will illuminate. Solid light indicates a strong field; flickering light indicates a weak field.
3. To switch ON the flashlight (7), press and hold the flashlight switch (6). Release the button to switch the flashlight OFF. If the flashlight does not switch ON please check the batteries. The battery compartment is located on the rear of the MD10 (8).

NOTE: The detector is designed with high sensitivity. Static electricity, stray magnetic fields, or other sources of energy may randomly trip the sensor. This is normal operation. Strong fields will yield a fixed indication.

NOTE: It is not necessary to unscrew the test object from its mounting on the equipment in order to carry out a test; a magnetic coil can even be tested through its protective covering.

Battery Installation

1. Slide open the battery door compartment (8) while gently prying up/out at the pocket clip (4) using a small screwdriver in the pocket clip access hole (5).
2. Insert two AAA batteries and replace the door.



Never dispose of used batteries or rechargeable batteries in household waste.

As consumers, users are legally required to take used batteries to appropriate collection sites, the retail store where the batteries were purchased, or wherever batteries are sold.

Disposal: Do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment.

Specifications

Power	2 x AAA 1.5V batteries
Magnetic Field ranges	63, 98, 401, 810 (Henry units)
Power Consumption	32mA maximum
Operating/Storage Temperature	-10 to 50°C (14 to 122°F)
Relative Humidity	95% max. from 0 to 40°C (32 to 104°F)
Altitude	3000m (9842 ft.)
Pollution Degree	II
Dimensions	159 x 21 x 25mm (6.25 x 0.8 x 1")
Weight	48g (1.7 oz.)

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