



ET30 Magnetic Field Detector

Introduction

Thank you for selecting the Triplett Model ET30 magnetic field detector. The ET30 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 ET30 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 Electrocution. Before use, always test the Magnet Detector on a known live circuit to verify proper operation

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

1. Press and hold the test switch and approach the testing area slowly with the probe tip.
2. When a magnetic field is sensed by the ET30, the blue probe light will illuminate. Solid light indicates a strong field; flickering light indicates a weak field.
3. To switch ON the flashlight, press and hold the flashlight switch. 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 ET30.

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

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



You, as the end user, are legally bound (**EU Battery ordinance**) to return all used batteries and accumulators to wherever batteries / accumulators are sold!

Disposal: Follow the valid legal stipulations with respect to the disposal of the device at the end of its lifecycle.

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.)

WARRANTY STATEMENT

Triplett Test Equipment offers a one-year warranty to the original purchaser of its products. We guarantee that our products will be free from defects in workmanship and materials for one (1) year from the purchase date.

This warranty does not cover:

- Products purchased from unauthorized distributors.
- Items that have been repaired or altered by unauthorized individuals.
- Damage from misuse, abuse, misapplication, negligence, or accidents.
- Products with altered, defaced, or removed serial numbers.
- Accessories, including batteries.

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