



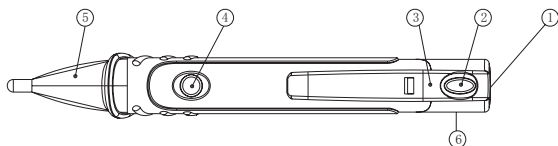
INSTRUCTION MANUAL
MT123
MAGNETIC SOLENOID TESTER



1. General Applications

1. Testing operating solenoid valves in pneumatic and hydraulic control equipment.
2. Testing relays with coils and electrically controlled solenoid valves in all types of vehicles and machineries.
3. Testing solenoid valves when servicing oil burners, the test lamp lights immediately and without metallic contact where there is a magnetic field, e.g. an activated coil in a solenoid valve. The test lamp responds to all kinds of magnetic fields - from alternating current to direct current and to permanent magnets.

2. Front Panel Descriptions



1. Back Flashlight
2. Flashlight Switch ON/OFF
3. Battery Cover & Compartment
4. OFF/ON Test Switch
5. Detector Magnet Beat
6. Self Test Magnetic

3. Specifications

Magnet Field (H)	63, 98, 401, 810
Work Max Current	32mA
Operating temperature	-10°C to 50°C (14°F to 122°F)
Storage temperature	-10°C to 50°C (14°F to 122°F)
Humidity	95% (0°C to 40°C) (32°F to 104°F)
Altitude	3000m
Contaminated Distinction	II
Batteries	2 x AAA
Weight	48g

4. Operating Instructions

Use your known test magnet and move it to the probe, which shall then light. If the test lamp does not light - change the batteries.

1. First check the batteries according to the "functions check" instruction above.
2. Just touch the test object with the Magnet Tester probe. If the lamp lights, the object is electrically activated.
3. It is not necessary to unscrew the test object from its mounting on the equipment in order to carry out the test - a magnetic coil can even be tested through its protection cover.
4. It is not necessary to stop the machinery or the equipment in order to carry out the test.
5. Sometimes stray magnetic fields from other nearby equipment may cause the test lamp to blink momentarily. Close to an activated magnetic coil, however the test lamp will give a fixed light.
6. Hold down the test button, placing the tip of the unit near a magnet field. The meter will produce a steady red glow at the tip.
7. Hold down the red button for the flashlight to turn on. Remove your finger to turn flashlight off.

5. Battery Replacement

When the battery voltage drops below 2 volts, the meter provides a visual indication by stopping the VoltBeat flash. batteries. Slide the battery cover and remove the batteries. Replace with 2 AAA. Make sure the battery cover is secure after changing the batteries.

NOTE: If you will not use the meter for a long period of time, remove the batteries.



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