

Intrinsically-Safe Magnet Probe Magnet-Ex 12

For testing solenoid valves, relays, transformers and flow-meters in Ex-hazardous areas.

Magnet-Ex 12 is a pencil sized magnet probe, designed to detect magnetic fields in hazardous areas. Within seconds it is possible to detect whether or not a solenoid valve is electrically activated.

Connection to electronic circuitry or opening of terminal boxes is rendered unnecessary.

The highly sensitive probe point of the Magnet-Ex 12 only needs to be brought near the coil of a solenoid valve, if a magnetic field is detected, the test tip illuminates red. In the same manner tests can be carried out on flowmeters or any other equipment that is working magnetically, even when located in hazardous areas.

The Magnet-Ex 12 comes with an integral test magnet that is securely fitted in such a way that it cannot be easily lost. Using this magnet, tests can be carried out to establish the working state of both unit and batteries.

- highly sensitive probe point
- no contact with test object required
- resistant to dirt
- optical indication
- Built-in test magnet for testing Magnet-Ex 12 and for battery check

Standard delivery:

- Magnet-Ex 12
- batteries
- instruction manual

Ex-Data:

Ex-designation:
 Ⓜ II 2 G EEx ia IIC T4

EC-Certificate of conformity:
 PTB 01 ATEX 2018



After any check the Magnet-Ex 12 will automatically switch off if it is no longer being used. This ensures a long battery life.

The clip attached to the instrument's side secures it from accidental loss and allows the maintenance engineer to easily carry it at all times.

Technical data:

Detectable magnetic fields:	alternating, direct and permanent fields
Detection:	no contact with test object required
Indication:	optical, built-in LED
Power supply:	2 x LR03 (AAA) according to IEC, type approved
Ambient temperature:	-20 °C ... +50 °C
Storage temperature:	-40 °C ... +60 °C
Ingress protection	IP 54
Casing material:	metal/plastic probe point
Dimensions:	150 x Ø18 mm
Weight:	60 g (batteries included)