



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 the probe shows a red light this indicates that the magnet is activated. In the same manner tests can be carried out on flow-meters 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.

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.

Properties:

- highly sensitive
- no contact with test object required
- resistant to dirt

Indication:

- optical

Built-in test magnet:

- for testing Magnet-Ex 12
- 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

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
Operating 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:	60g (batteries included)