

Magnet-Ex12

HIGHLY
SENSITIVE TIP FOR TESTING

CERTIFICATION



Ⓜ II 2 G Ex ia IIC T4



Class I, Division 1, Groups A,B,C,D T6
Class I, Zone 0, AEx ia IIC T6

STANDARD DELIVERY

- Magnet-Ex 12
- Batteries
- Documentation

FEATURES & FUNCTIONS

- 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



Magnet Probe Magnet-Ex12 FOR ZONE 1

DETECTING MAGNETIC FIELDS

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.

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

Ambient temperature	-20 °C ... +50 °C
Storage temperature	-40 °C ... +60 °C
Magnetic field types	alternating, direct and permanent fields
Detection	non-contact detection
Indication	optical, built-in LED
Power supply	2 x LR03 (AAA) according to IEC, type approved
Casing material	metal (probe point: plastic)
Dimensions	150 x 18 mm (L x Ø)
Weight	approx. 60 g (batteries included)
IP protection class	IP 54