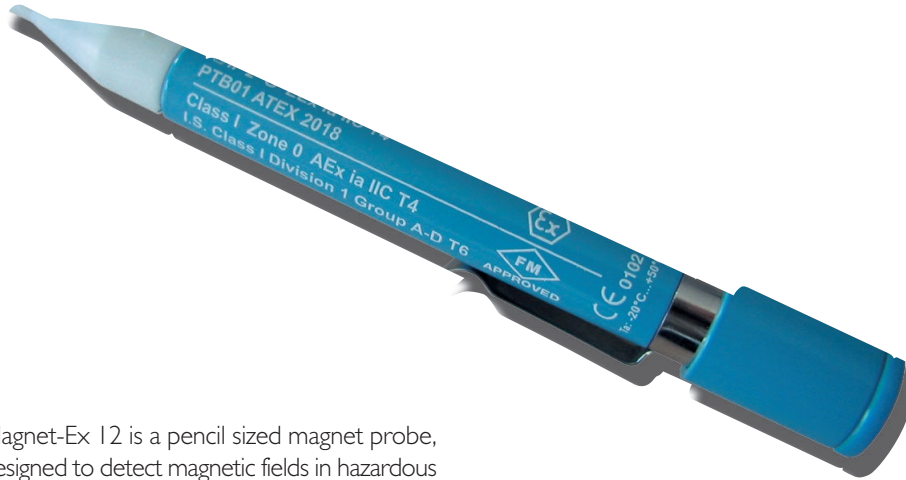




# Intrinsically-Safe Magnet Probe Magnet-Ex I 2



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 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:

Detectable magnetic fields:	Alternating, direct and permanent fields
Detection:	No contact with test object required
Indication:	Optical, built-in LED
Power supply:	2 x standard batteries AAA according to IEC LR03 R03
Replacing batteries:	Only outside the hazardous area!
Working temp.:	-4°F to +122°F (-20°C to +50°C)
Storage temp.:	-40°F to +140°F (-40°C to +60°C)
Ingress protection:	IP 54
Casing material:	Metal/plastic probe point
Dimension:	5.9" x Ø 0.7"
Weight:	2.1 oz (batteries included)

**For testing solenoid valves, relays, transformers and flowmeters in hazardous areas.**

### 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

### Ex-data:

Ex designation:  
Ex II 2 G EEx ia IIC T4

EC-Certificate of Conformity:  
PTB 01 ATEX 2018



I.S. Class I Division 1 Groups A-D T6  
Class I Zone 0 AEx ia IIC T6

