

AR-030 DOOR MAGNET

Zones 2, 22

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MISCELLANEOUS

ZONES 2 (gas) & 22 (dust)

The AR-030 explosion-safe door magnet is a universally-applicable door magnet for floor or wall mounting. The magnetic head can easily be positioned horizontally or vertically. The door magnet is manufactured from impact-resistant plastic with a vandal-proof release button and a factory sealed cable, 5 meters long.

The door-retaining magnet system provides a completely reliable solution. For normal use, the doors are held open by electromagnets. In case of fire or alarm, the door magnets are switched off from the porter's lodge or automatically by the fire alarm system, so that the door closers or springs close the doors immediately. The doors can still be opened, but close again straight afterwards.

The AR-030 door magnet is explosion-safe and certified in accordance with European Directive 2014/34/EU and is CE marked.

The door magnet is therefore suitable for a wide variety of applications.





Declaration of Conformity

ITEM REFERENCES

| Type: | Current consumption: | Power: | Holding force: | Connection: | Weight: | Item No.: |
|------------|----------------------|--------|----------------|--|---------|-----------|
| AR-030/001 | 100 mA AC / 63 mA DC | 1,5 W | 490 N | Factory sealed cable, 3 x 1 mm ² , 5 meters | 770 gr | 7F0401 |

TECHNICAL SPECIFICATIONS

| | |
|---------------------------|--|
| Marking: |  II 3G Ex ec IIC T6 Gc  II 3D Ex tc IIIC T80°C Dc |
| Certificate: | Declaration of Conformity |
| Standards applied: | EN 60079-0:2018, EN 60079-7:2015 / A1:2018 and EN 60079-31:2014 |
| Supply voltage: | 24V AC/DC ± 10% |
| Magnet diameter: | 50 mm |
| Mounting spacing: | Floor/ceiling mounting: 150 mm, wall mounting: 175 mm |
| Activation time: | 100% |
| Material: | Black plastic anchor plate and housing, magnet nickel plated |
| Ingress protection level: | IP65 according to EN 60529 |
| EN 1155 corrosion class: | 3 (High resistance to corrosion) |
| Connection: | Factory sealed cable, 3 x 1 mm ² , length 5 meters |
| Ambient temperature: | -25°C to +50°C |

ACCESSORIES

| Type: | Model: | Size: |
|------------|------------------------------------|---------------------|
| AR-030/002 | Anchor plate (standard) | Ø 55 x 18 mm, ± 20° |
| AR-030/003 | Anchor plate with angle adjustment | Ø 55 x 50 mm, ± 60° |

