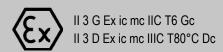# Explosion-safe Door Magnet AR-030
Universally applicable for floor or wall mounting

Features

- ATEX certified
- Suitable for use in gas and dust environments, zones 2 and 22
- Protection rating IP65
- Impact-resistant plastic housing, nickel-plated magnet
- 24 V DC and 24 V AC
- Provided with 5 meters of factory sealed cable
- Optional anchor plate
- Surface mount on floor, ceiling or wall
- Other versions available on request

II 3 G Ex ic mc IIC T6 Gc
II 3 D Ex ic mc IIIC T80°C Dc

Description

The Artidor 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 Artidor door magnet is explosion-safe and certified in accordance with European Directive 2014/34/EU (ATEX 114) and is CE marked. The door magnet is therefore suitable for a wide variety of applications.

Other versions are available on request.

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Technical specifications

Explosion safety:	II 3 G Ex ic mc IIC T6 Gc; II 3 D Ex ic mc IIIC T80°C Dc
European Directives:	2014/34/EU (ATEX 114) and 2014/30/EU (EMC)
Standards applied:	EN 60079-0:2018, EN 60079-11:2012 and EN 60079-18:2015 / A1:2017
Supply voltage:	24V AC/DC ± 10%
Nominal current:	100 mA AC / 63 mA DC
Power:	1.5 W
Holding force:	490 N
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
Weight:	770 grams

Order code

Type number	Model	
AR-030/001	Door magnet	Factory sealed cable, 3 x 1 mm², 5 meters

Options

Type number	Model	
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°