

# Door opening detector wire/NC VdS C / EN 3

Art.-Nr. AZMK10110

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LOCK MONITORING FOR DOORS. CERTIFIED & SECURE.

## Door opening detector

The VdS C door opening detector is a magnetic contact that can secure larger doors (e.g. garages, roller doors). Unauthorised opening is detected and reported to the IAS or alarm system.

Can be used flexibly on almost any door

The door opening detector is used to protect rolling, sliding and overhead doors.

## Function

The detector consists of a magnet and magnetic contact (reed), mounted parallel to each other. If the distance between them remains constant, the detector remains idle. If the distance increases, an alarm is triggered.

## Tampering and sabotage protection

The detector is protected against sabotage by means of external field protection. Only the magnet belonging to this door contact keeps it in the idle state. Any change, e.g. a foreign magnet (different field strength) interrupting the idle state, and an alarm is triggered.

## Professional assembly

The best installation location for the opening detector is in the middle of the entrance. The magnetic contact is mounted on the ground, the magnet at a distance of approx. 20 mm on the inside of the door. The door contact is suitable for surface mounting. It is completely waterproof and dustproof (IP68) and protected against damage, such as driving over it, thanks to its robust plastic housing.

## High certification

The wire detector is certified according to VdS C and EN grade 3.

## Technologies

- Robust wire magnetic contact for surface mounting
- For securing larger doors, e.g. garage door (lock monitoring)
- Suitable for rolling, sliding and overhead doors
- NC switching contact (Normally Closed: switch opens when actuated)

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- High protection against tampering and sabotage thanks to external field monitoring
- Integrated connection cable (4 m)
- Compatible with wired alarm system and IAS such as Secoris, Secvest, Terxon
- Certified security according to VdS C (VdS class C, G 191867), EN grade 3

## Technical data - Door opening detector wire/NC VdS C / EN 3

Cable length	4 m
Certifications	VdS-C, EN 50131 Grade 3
Compatible with	Secoris, Secvest, Terxon
Connection cable length	400 cm
Connections	LiYY 4 x 0,14 mm <sup>2</sup> Sn, ø 3,2 mm, white
Dimensions	150 x 40 x 13,5 mm (switch) / 65 x 42 x 35 mm (magnet) mm
EN	Grade 3
Environmental class	III / IIIA
External field protection	Yes
Gross weight	0,25 kg
Height	13,5 mm
Housing material	rugged plastic housing
IP protection class	67
Length	150 mm
Max. operating temperature	70 °C
Min. operating temperature	-40 °C
PSTI conformity required	No
Sabotage monitoring	Yes
Sensor type	Reed-Switch
Type of detection	Reed-switch
VdS approval no.	G 103127
VdS class	C
Width	40 mm