Opening Detector, 4m, 4-core, external field protection (white)

Art. no. MK1310W



- For reliable perimeter security
- Protected against external fields
- For securing doors and windows
- Spacing of magnetic switch to magnet: 5 to 12 mm

The opening detector is a magnetic contact for protecting doors and windows. Unauthorised opening is detected and reported to the alarm center. The opening detector consists of a magnetic contact (reed) and a magnet. These are fitted parallel, in front of, or at right angles to each other at a minimum distance of 8 mm apart. The electric circuit of this NC opening detector is normally closed (NC). If the distance between reed and magnet increases, the circuit is broken and an alarm reported. The detector is tamper-protected and stray-field protected. Stray-field protected means that only the magnet belonging to this opening detector has the right field strength to keep the electric circuit closed. Any change to the field strength (e.g.: by another magnet) breaks the circuit and an alarm is triggered. The optimum installation location is the middle of the door or window frame. It can also be fitted to the bottom of the window frame if a particular window with a magnetic contact is to be tilted open. The detector is suitable for both flush and surface-mounted installation. It is water-resistant and dustproof (IP 68). The opening detector is VdS certified and available in white and brown.

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Technical Data:

VdS class	C
Dimensions	(WxHxD) 11x12x48 mm
Connections	NC, max. contact capacity 24 V DC / AC / 0.2 A / 4.8 W
Width	11 mm
Type of detection	Magnetic field measurement
Stray-field protection	Yes
Housing material	ABS
Height	12 mm
Cable type	4-core

Cable length	4 m
Length	48 mm
Max. operating temperature	70 °C
Installation location	Integration / surface mounting
Tamper monitoring	Yes
IP protection class	68
Sensor type	Reed contact
Certifications	VdS

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