



Eagle One

Opening Sensor for Automatic Doors

Description

The Eagle One's planar antenna and unidirectional detection mode offers a high level of stability and reliability. It is the solution for all types of automatic doors, irrespective of surroundings.

Features

- Improvement of the energy efficiency of buildings thanks to the unidirectional radar, which detects approaching movements and filters out movements moving away, the door closes earlier and reduces heat loss.
- Appealing design for swing doors, thanks to the positioning of the sensor above the pivot.
- Possibility to mount the sensor in the ground.
- High level of stability and reliability of the detection area, thanks to the planar antenna.

Applications

- Activation of linear, telescopic, curved sliding, swing, revolving and folding doors, etc.

Ease of Installation

- Adjustment of basic functions with push buttons.
- Fine tuning via infrared remote control.

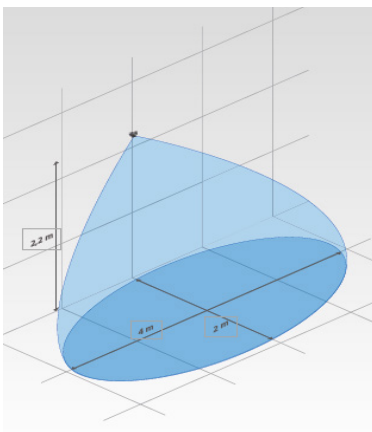


Applications: Sliding doors, swing doors and revolving doors.

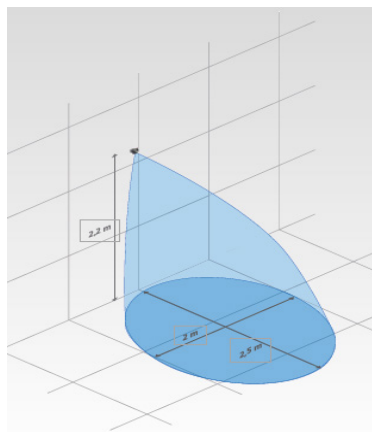
Technical Specifications*

Technology	Microwave doppler radar
Transmitter Frequency	24.150 GHz
Transmitter Radiated power	<20 dBm EIRP
Transmitter power density	<5 mW / cm ²
Detection Mode	Motion
Min. Detection speed	5cm/s (measured in optimal conditions)
Supply Voltage	12V to 24V AC +/- 10% 12V to 24V DC + 30% / -10%
Main Frequency	50 to 60 Hz
Max. power consumption	<2 W (VA)
Output	Relay (free potential charge-over contact)
Max. contact voltage	42V AC/DC
Max. contact current	1a (resistive)
Max. switching power	30W (DC) / 60 VA (AC)
Mounting Height	From 1.8m to 4m
Protection degree	IP54
Temperature range	From -20°C to 55°C
Dimensions	120mm (w) x 80mm (h) x 50mm (d)
Tilt Angles	From 0° to 90° vertical, from -30° to 30° lateral
Material	ABS
Weight	215g
Cable length	2.5m
Norm conformity	R&TTE 1999/5/EC EMC 2004/108/EC

*Subject to change without notice



Radar area (wide)
4m x 2m @ 2.2m



Radar area (narrow)
2m x 2.5m @ 2.2m

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