IXIO-M

OPENING SENSOR FOR ALL TYPES OF AUTOMATIC DOORS

Commercial sheet

THE ACTIVATION SOLUTION OF THE IXIO RANGE

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DESCRIPTION

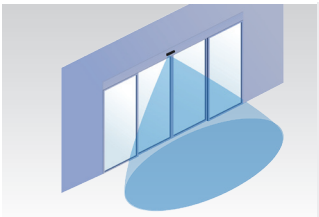
The **IXIO-M** uses radar technology to detect movement and activate all types of doors in whatever environment they may be. Thanks to its unidirectional sensing method, **IXIO-M1** offers a stability and reliability second to none. The unidirectional radar enables energy savings to be made.

FEATURES

- Due to the unidirectionality, the duration of the door opening cycle is shorter, which reduces heat loss in the building and saves energy. This also optimises the “airlock” function.
- Easy configuration with to DIP switches and potentiometer.
- Compact design in harmony with the IXIO range.

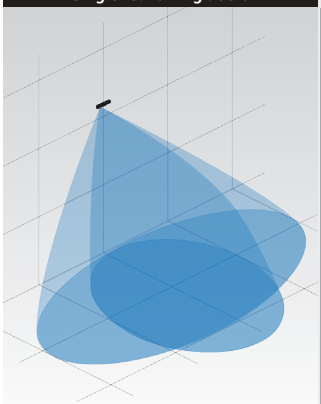
OPEN UP NEW HORIZONS

APPLICATIONS



Single-leaf swing doors

DETECTION RANGE



Detection area wide 4 m × 2 m @ 2.2 m
or narrow 2 m × 2.5 m @ 2.2 m

IXIO RANGE

IXIO-D
Sensor with combined radar and infrared for opening and safety of sliding doors.

IXIO-S
Presence sensor with infrared technology for the safety of sliding doors.

APPLICATIONS

- Activation of linear, telescopic, curved, swinging, turning and folding automatic sliding doors.

EASE OF INSTALLATION

- Configuration of basic functions with push buttons.
- Lateral orientation from -15° to +15° for the radar antenna.
- Plug, push & go.

VERSIONS

- IXIO-M1 : unidirectional opening sensor
- IXIO-M2 : bidirectional opening sensor

ACCESSORY

Mounting accessory

Mounting in ceiling

TECHNICAL SPECIFICATIONS

Detection mode	Motion
Technology	Microwave doppler radar
Transmitter frequency	24.150 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW/cm²
Min. detection speed	5 cm/s (measured in sensor axis)
Supply voltage	12 V to 24 V AC ±10%; 12 V to 24 V DC +30% / -10%
Mains frequency	50 to 60 Hz
Max power consumption	< 2 W
Output Max. contact voltage Max. contact current Max. switching power	Relay (free of potential change-over contact) 42 V AC/DC 1 A (resistive) 30 W (DC)/60 VA (AC)
Mounting height	from 1.8 m to 3 m
Temperature range	-20°C to +55°C
Degree of protection	IP54
Dimensions	180 mm (L) × 58 mm (H) × 50 mm (W)
Tilt angles	15° to 45° vertical; -15° to +15° en lateral
Material	ABS
Weight	120 g
Cable lenght	2.5 m
Applicable directives	R&TTE 1999/5/CE; EMC 2004/108/CE

Specifications are subject to change without prior notice.

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