

IXIO-D

OPENING AND SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

Commercial sheet

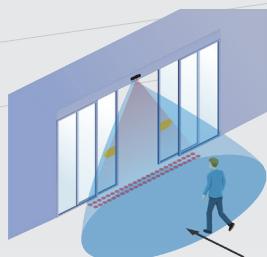


THE SECOND-GENERATION DUAL SENSOR

DESCRIPTION

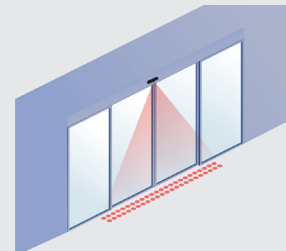
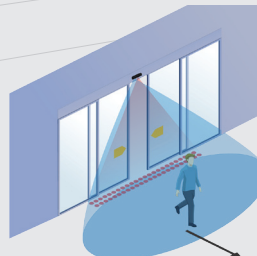
The **IXIO-D** is a sensor which combines radar technology for the activation of the door with infrared technology for the user protection. The unidirectional radar enables energy savings to be made. The three-dimensional infrared curtain protects people from any contact with the doors.

COMPLIANT WITH
EN 16005/DIN 18650



UNIDIRECTIONAL

Due to the unidirectionality, the duration of the door opening cycle is shorter, which reduces heat loss from the building and saves energy. This also optimises the "airlock" function.



INFRARED CURTAINS

48 high-density infrared spotlights from 2 curtains protect users from any contact with the doors.

A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.

LCD


Intuitive configuration with an LCD screen with an LCD screen displaying texts and symbols (LCD graphics).



SAFETY

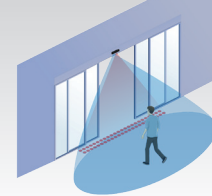
4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.



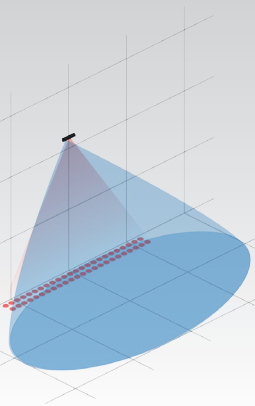


APPLICATIONS

Single leaf sliding doors




Double leaf sliding doors




DETECTION RANGE

Area detection radar 4 m x 2 m @ 2.2 m
infrared 2,2 m x 0.5 m @ 2.2 m



IXIO RANGE

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



IXIO-M
Motion sensor with radar technology
for the opening automatic doors

APPLICATIONS

- Opening and safety of linear, telescopic and curved automatic sliding doors.

EASE OF INSTALLATION

- Intuitive configuration thanks to an LCD screen and/or a BEA remote control.
- LCD graphics screen with choice of language.
- 10 adjustment options for the IR curtains.
- Lateral orientation from -15° to +15° for the radar antenna.
- 4 infrared spotlights visible on the ground for the easy adjustment of the failsafe curtain.
- Plug, push & go.

VERSIONS

- IXIO-DT1: dual sensor with combined technologies and self-monitoring.
- IXIO-DT3: dual sensor with combined technologies for emergency doors and standard doors. 3-in-1 product with choice of 3 types of output (current/frequency/relay).
- IXIO-DP1: dual sensor with combined technologies for pulsed safety door controllers
- IXIO-DP3: dual sensor with combined technologies for emergency doors and standard doors with pulsed safety door control.

ACCESSORIES



Bracket accessory Ceiling accessory Spotfinder

TECHNICAL SPECIFICATIONS

Detection mode	Motion	Presence
Technology	Microwave doppler radar	Active infrared with background analysis
Output	Solid-state-relay (potential and polarity free)	Solid-state-relay (potential and polarity free)
	Frequency output* (f = 100 Hz +/- 10%)	Pulse output**
	Current source output*	
Test input	Sensitivity : Low : < 1 V; High : > 10 V	
Supply voltage	12 V - 24 V AC +/-10%; 12 V - 30 V DC +/- 10%	
Mounting height	2 m to 3,5 m (local regulations may have an impact on the acceptable mounting height)	
Temperature range	-25°C to +55°C; 0-95% relative humidity, non condensing	
Degree of protection	IP54	
Applicable directives /Norms	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 12978; EN ISO 13849-1:2008 PL «d» CAT. 2***/»c» CAT. 2****; EN 16005:2012 Chapter 4.6.8.; DIN 18650-1:2010 Chapter 5.7.4. ; AutSchR***	

Specifications are subject to change without prior notice.

** DT3/DP3 **DP1/DP3*

**** Only applicable for frequency and current source output*

***** Under the condition that the door control system monitors the sensor at least once per door cycle*

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SPÉCIFICATIONS TECHNIQUES

		
Mode de détection	Mouvement	Présence
Technologie	Radar hyperfréquence à effet Doppler	Infrarouge actif avec analyse de l'arrière plan
Sortie	Relais statique (libre de potentiel, libre de polarité) Sortie fréquence* (f = 100 Hz +/- 10%) Sortie courant*	Relais statique (libre de potentiel, libre de polarité) Sortie pulse**
Entrée de test	Tension : basse : < 1 V; haute : > 10 V	
Alimentation	12 V - 24 V AC +/-10%; 12 V - 30 V DC +/- 10%	
Hauteur de montage	2 m à 3,5 m (les régulations locales peuvent avoir une influence sur la hauteur de montage acceptable)	
Gamme de température	-25°C à +55°C; 0-95% humidité relative, non condensante	
Degré de protection	IP54	
Directives applicables /Normes	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 12978; EN ISO 13849-1:2008 PL «d» CAT. 2***/»C» CAT. 2****; EN 16005:2012 Chapter 4.6.8.; DIN 18650-1:2010 Chapter 5.7.4. ; AutSchR***	

Les spécifications peuvent être modifiées sans notification préalable.

** DT3/DP3 **DP1/DP3*

**** Uniquement d'application pour les sorties fréquence et courant*

***** À condition que l'opérateur surveille le détecteur au moins une fois par cycle de porte*

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