DOOR SPRING SUPPLIES

IXIO-D

EN16005 compliant activation & safety sensor For automatic sliding doors

THE SECOND GENERATION DUAL SENSOR

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.

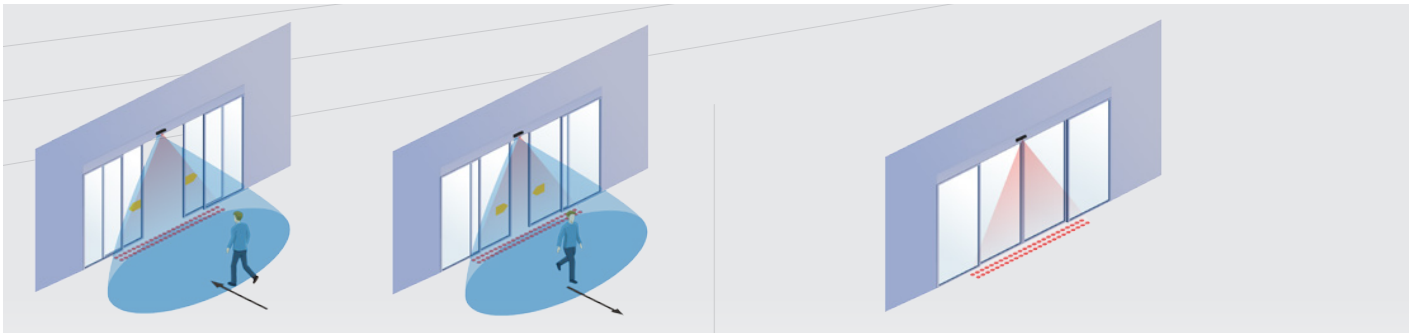
Unidirectional

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 displaying texts and symbols (LCD graphics).

Safety

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

OPEN UP NEW HORIZONS

DOOR SPRING SUPPLIES

Applications

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

Ease of installations

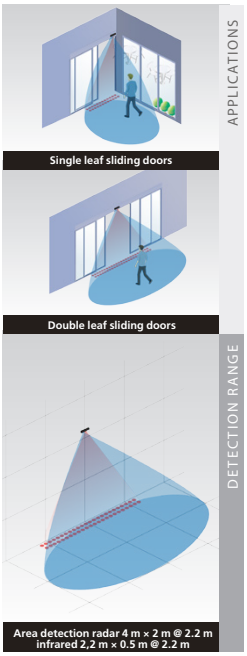
- Intuitive configuration thanks to an LCD screen and/or a BEA remote control.
- LCD graphics screen with choice of language.
- 10 adjustment options for the IR curtains.
- Lateral orientation from -15° to +15° for the radar antenna.
- 4 infrared spotlights visible on the ground for the easy adjustment of the failsafe curtain.
- Plug, push & go.
- The ZIP code is a compression of all sensor settings in encoded format (which can be decoded by the BEA DECODER app).

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

- Ceiling mount and “L” shape brackets
- Spotfinder
- Door bell
- Smart Daisy Chain Hub



Technical Specifications

Detection mode	**Motion**	**Presence**
Technology	Microwave doppler radar	Active infrared with background analysis
Output	Solid-state-relay (potential and polarity free) - in switching mode : NO/NC - in frequency mode*: pulsed signal (f = 100 Hz +/- 10%)	Solid-state-relay (potential and polarity free) Pulse output**
Test input		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; MD 2006/42/EC; LVD 2006/95/EC; ROHS 2 2011/65/EU; EN 12978; DIN 18650-1:2010 Chapter 5.7.4; AutSchR; BS 7036-1:1996 Chapter 7.3.2; EN ISO 13849-1:2008 PL «c» CAT. 2(under the condition that the door control system monitors the sensor at least once per door cycle); IEC 61496-1:2012 ESPE Type 2; EN 16005:2012 Chapter 4.6.8; BS 7036-1:1996 Chapter 8.1	

* DT3/DP3 **DP1/DP3

Specifications are subject to change without prior notice.

All values measured in specific conditions.

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