BEA

IXIO-S

Safety sensor for automatic sliding doors

APPLICATIONS

TECHNOLOGY

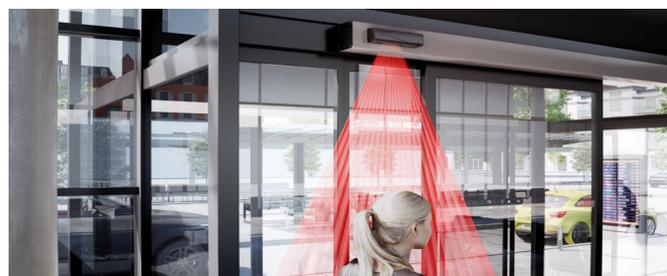Active infrared

CONFORMITY

EN 16005

DIN 18650

DESCRIPTION

IXIO-S is an active infrared safety sensor. The tridimensional area of its infrared curtain protects the users from any contact with the doors.

Adjustment is made easier with an LCD screen offering 10 different widths of curtains, to cover the full travel area of the door.

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.

Configuration

10 possible widths of IR curtains, for optimum coverage of the door opening.
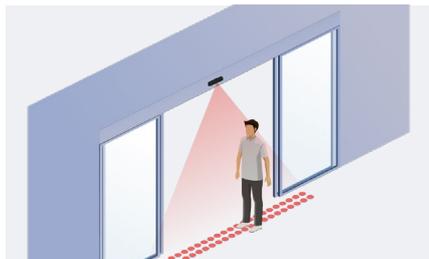
Safety

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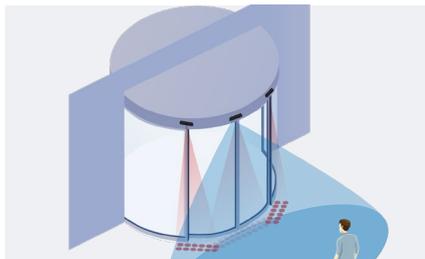
LCD

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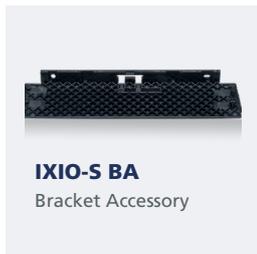
APPLICATIONS

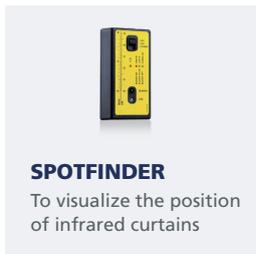Double-leaf sliding doors

Curved doors

BEA DECODER APP

Downolad the **BEA DECODER** app

ACCESSORIES

IXIO-S BA
Bracket Accessory

SPOTFINDER
To visualize the position
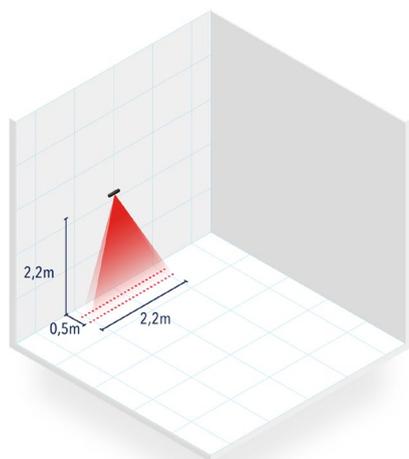of infrared curtains

INSTALLATIONS

- Configuration thanks to an LCD screen and/or a BEA remote control.

- LCD graphics screen : 14 choices of language.

- 10 adjustment options for the IR curtains.

- 4 infrared spotlights visible on the ground.

VERSIONS

- **IXIO-ST** : safety sensor with self-monitoring.

- **IXIO-SP** : safety sensor with self-monitoring for pulsed safety door controls.

TECHNICAL SPECIFICATIONS

Detection mode	Presence
Technology	Active infrared with background analysis
Outputs	Solid-state-relay (potential and polarity free)
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	EN 12978; EN 61000-6-2; EN 61000-6-3; EN ISO 13849-1 PL «c» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle); EN 62061; EN 61496-1 ESPE Type 2; EN 50581; EN 16005 Chapter 4.6.8; DIN 18650-1 Chapter 5.7.4; BS 7036-1 Chapter 8.1; EN 60825-1

Specifications are subject to change without prior notice.
* under the condition that the door control system monitors the sensor at least once per door cycle

IXIO-S SAFETY SENSOR FOR SLIDING DOOR

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