

# IXIO-S INDUS

## PRESENCE SENSOR FOR AUTOMATIC INDUSTRIAL DOORS

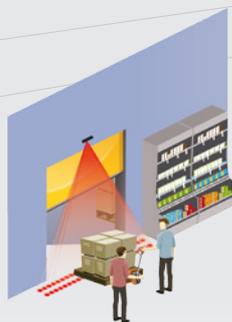
Commercial sheet



### VOLUMETRIC PROTECTION FOR LOWER INDUSTRIAL DOORS

#### DESCRIPTION

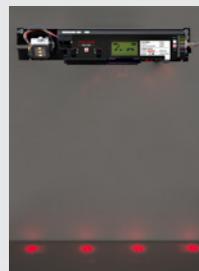
The **IXIO-S INDUS** is an active infrared presence sensor. It functions on the basis of a constant analysis of background reflection. For industrial doors up to 4m high, the **IXIO-S INDUS** monitors the area in front of the door to prevent it from hitting people or vehicles. Together with the safety provisions stipulated by standard EN 12453, the **IXIO-S INDUS** offers an additional three-dimensional protection.



#### PRESENCE CURTAINS

Two curtains of 24 (48 total), high-density infrared spots provide a precise presence detection near the threshold area.

A 32-bit microprocessor optimizes the processing of environmental information, ensuring a stable performance throughout the year.



#### SETUP

4 visible spots appear on the ground during setup. This makes it easy to set the optimal angle for the first presence curtain.



#### LCD

Intuitive setup via the LCD screen with text and symbol display (LCD graphics).



APPLICATIONS

DETECTION RANGE

IXIO RANGE

ACCESSORIES

## PERFORMANCE

- Presence detection via 2 infrared curtains, each consisting of 24 light spots
- Higher convenience and safety for pedestrians and vehicles near the door
- Reliable protection thanks to the double presence curtain
- Ideal solution for industrial doors up to 4m high

## APPLICATIONS

- Presence detection for industrial doors

## DESIGNED FOR INDUSTRIAL ENVIRONMENTS

- Reliable detection in difficult environments

## EASY INSTALLATION

- Intuitive setup with the aid of the LCD screen and/or BEA remote control
- Graphic LCD screen with language selection
- 4 visible red spots on the ground for simplified positioning of the safety curtain
- Easy installation
- Comes with a 10m cable
- Max. installation height 4m

## VERSIONS

- **IXIO-SO I** : presence detection
- **IXIO-ST I** : presence detection (external monitoring available)

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Active infrared with background analysis
Spot diameter	5 cm x 5 cm (typical)
Number of spots	max. 24 by curtain
Number of curtains	2
<b>Detection mode</b>	Presence
<b>Detection field</b>	3,5 m x 0,6 m * (Width x depth)
<b>Angle</b>	From -7 ° to +4 ° (adjustable)
<b>Output</b>	Solid-state-relay (free of potential, free of polarity)
Max. contact current	100 mA
Max. contact voltage	42 V AC/DC
<b>Hold time output signal</b>	0.3 s to 1 s (not adjustable)
<b>Typical response time</b>	< 200 ms (max. 500 ms)
<b>LED signals</b>	Red
<b>Mains frequency</b>	50 to 60 Hz
<b>Supply voltage</b>	12V - 24V AC +/- 10 % 12V - 30V DC - 5%/+10% (to be operated from SELV compatible power supplies only)
<b>Power consumption</b>	<2,5 W
<b>Mounting height</b>	2 m to 4 m **
<b>Dimensions</b>	262 mm (L) x 55 mm (H) x 44 mm (W)
<b>Materials / Color</b>	ABS + LURAN S / Black, white or aluminium finish
<b>Temperature range</b>	-25°C to +55°C; 0-95% relative humidity, non condensing
<b>Noise</b>	< 70 dB
<b>Expected lifetime</b>	20 years
<b>Protection degree</b>	IP54
<b>Norm conformity</b>	EMC 2004/108/EC; ROHS 2 2011/65/EU

*Specifications are subject to change without prior notice.  
\* at 3.5 m mounting height \*\* depending on size and nature of the target.*

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