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# 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.



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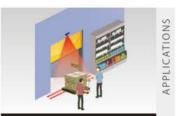




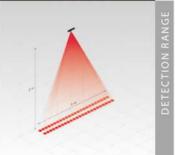














IXIO-D INDUS Sensor with combined radar and infrared



Bracket accessory







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















