

VIO-S

SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

Commercial sheet



3-DIMENSIONAL SAFETY

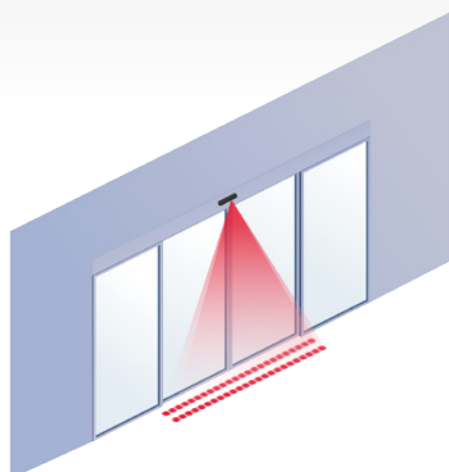
DESCRIPTION

The **VIO-S** is a presence sensor made up of a double failsafe active infrared curtain. The three-dimensional area of the infrared curtain, without safety beams, protects people from any contact with the doors.

COMPLIANT WITH
EN 16005

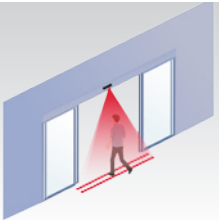
FEATURES

- Simple adjustments using DIP-Switches.
- High protection of individuals, thanks to the two 24-infrared spot failsafe curtains. (EN 16005)
- Optimum performance thanks to high levels of active, self-adapting infrared immunity.
- Adjustment of the infrared curtain width with the prisms. (curtains of 12 or 24 spots depending on the prism used)
- Mounting height of up to 3 metres.

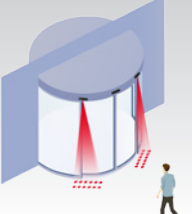


VIO-S ■

APPLICATIONS

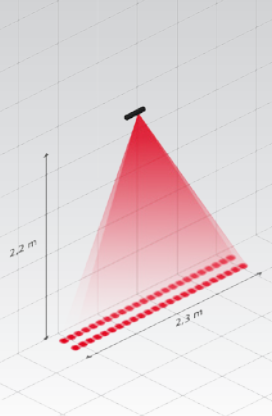


Double-leaf sliding door




Curved door

DETECTION RANGE




Infrared curtain
2.35 m x 3.5 cm @ 2.2 m

VIO RANGE



VIO-D
Combined opening and safety sensor for sliding doors.



VIO-M
Motion radar sensor for opening automatic doors.

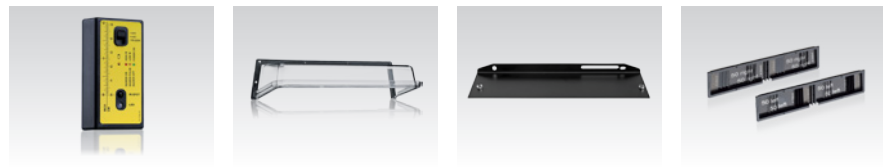
APPLICATIONS

- Safety of linear, telescopic and curved automatic sliding doors.

EASE OF INSTALLATION

- Settings using DIP-switches: critical environment, standard environment.
- Easy positioning and localising of the curtains thanks to mechanical adjustments and the spotfinder.
- Detection stability in sensitive areas.

ACCESSORIES



Spotfinder

Rain accessory

Mounting bracket

Prisms

TECHNICAL SPECIFICATIONS

Technologie	Active infrared background analysis
Detection mode	Presence
Angle	From -4° to +4° (adjustable)
Output	Solid-state-relay (free of potential, free of polarity) Max. contact current: 100 mA
Supply voltage	12 V - 30 V DC -5%/+10% (to be operated from SELV compatible power supplies only)
Mounting high	From 1.8 m to 3 m
Degree of protection	IP54
Noise	< 70 dB
Temperature range	-25 °C to +55 °C; 0-95% relative humidity, non condensing
Norm conformity	MD 2006/42/EC; ROHS 2 2011/65/EU; EN 12978:2009; EN IEC 62061:2005 SIL2; EN 61496-1:2012 ESPE Type 2; EN ISO 13849-1:2008 Performance Level «c» CAT.2 (under the condition that the door control system monitors the sensor at least once per door cycle)

The specifications can be modified without prior notice.

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