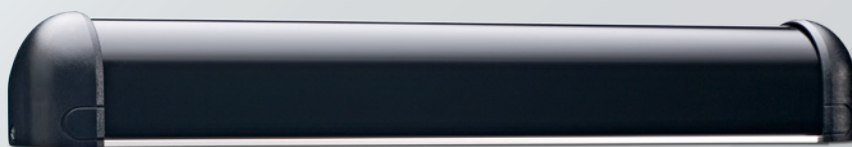


# EYE-TECH

## COMFORT SENSOR FOR AUTOMATIC SWING AND REVOLVING DOORS

Commercial sheet



### THE ADDITIONAL PROTECTION

#### DESCRIPTION

The **EYE-TECH** is a presence active infrared sensor operating by distance measuring.

Mounted on the leaves of swing and revolving doors, it offers a basic safety for the users.

#### FEATURES

- Area of 10 cm in front of the leaf 2 m high with a single active infrared spot.
- Possibility to extend the detection area by adding "slave" modules.
- Reliable detection thanks to the "anti-masking" option irrespective of the texture or the colour of the object to be detected.
- Additional safety device for low energy doors used by people with disabilities.



EYE-TECH ■



## APPLICATIONS

- Automatic swinging, revolving s and low energy doors.

## EASE OF INSTALLATION

- Mechanical adjustment of the detection area.
- "Anti-masking" mode can be selected with DIP-switches.

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Active Infrared with background suppression
<b>Detection distance</b>	0.7 m to 2.5 m (adjustable by linear movement swivelling cam)
<b>Module inclination angle</b>	0° - 5° - 10° - 15° - 20° - 25°
<b>Diameter of the infrared beam @ 2 m</b>	0.13 m
<b>Detection mode</b>	Presence (and movement)
<b>Detection duration (presence)</b>	Infinite
<b>Response time</b>	< 50 ms
<b>Special inputs</b>	System inhibition
<b>Supply voltage</b>	
Relay output option	12 to 24 V AC/DC ±10%
Transistor output option	12 to 30 V DC ±10%
<b>Mains frequency</b>	50 to 60 Hz
<b>Power consumption</b>	
Master ON	60 mA maximum
Slave ON	40 mA maximum
Master OFF	30 mA maximum
Slave OFF	30 mA maximum
<b>Standard output</b>	Switch-over relay (voltage free contact)
Relay contact ratings (max voltage)	60 V DC /125 V AC
Relay contact ratings (max current)	1 A (resistive)
Max. switching power	30 W (DC) / 60 VA (AC)
<b>Optional output</b>	Open collector transistor
max. voltage	30 V DC
max. current	100 mA (protection against short-circuits)
<b>Output holding time</b>	0.1 s to 4.5 s (adjustable)
<b>Temperature range</b>	-20°C to +50°C
<b>Dimensions</b>	340 - 700 - 900 mm (L) × 43.5 mm (H) × 47.5 mm (D)
<b>Material</b>	Aluminium, ABS and Plexiglas
<b>Colour of the box</b>	Natural aluminium (black or chrome optional) black front side
<b>Connection sheath</b>	0.5 m
<b>Norm conformity</b>	EMC 2004/108/EC; MD 2006/42/EC; EN 12978 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)

*Specifications are subject to change without prior notice.*

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