

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

DETECTION RANGE

APPLICATIONS

- Automatic swinging, revolving and low energy doors.

EASE OF INSTALLATION

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

TECHNICAL SPECIFICATIONS

Technology	Active Infrared with background suppression
Detection distance	0.7 m to 2.5 m (adjustable by linear movement swivelling cam)
Module inclination angle	0° - 5° - 10° - 15° - 20° - 25°
Diameter of the infrared beam @ 2 m	0.13 m
Detection mode	Presence (and movement)
Detection duration (presence)	Infinite
Response time	< 50 ms
Special inputs	System inhibition
Supply voltage	
Relay output option	12 to 24 V AC/DC ±10%
Transistor output option	12 to 30 V DC ±10%
Mains frequency	50 to 60 Hz
Power consumption	
Master ON	60 mA maximum
Slave ON	40 mA maximum
Master OFF	30 mA maximum
Slave OFF	30 mA maximum
Standard output	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)
Optional output	Open collector transistor
max. voltage	30 V DC
max. current	100 mA (protection against short-circuits)
Output holding time	0.1 s to 4.5 s (adjustable)
Temperature range	-20°C to +50°C
Dimensions	340 - 700 - 900 mm (L) × 43.5 mm (H) × 47.5 mm (D)
Material	Aluminium, ABS and Plexiglas
Colour of the box	Natural aluminium (black or chrome optional) black front side
Connection sheath	0.5 m
Conformity	EMC 2014/30/EU; MD 2006/42/EC

Specifications are subject to change without prior notice.

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