5¢M ƍ ·5¢O

OPENING AND SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

Commercial sheet

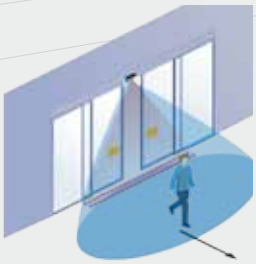
EN

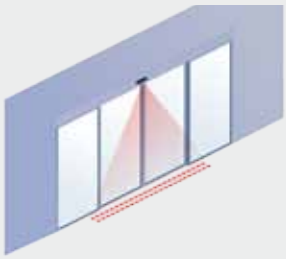
THE SECOND-GENERATION DUAL SENSOR

DESCRIPTION

The ·5¢MKO is a sensor which combines radar technology for the activation of the door with infrared technology for the user protection. The unidirectional radar enables energy savings to be made. The three-dimensional infrared curtain protects people from any contact with the doors.

COMPLIANT WITH
EN 16005/DIN 18650





UNIDIRECTIONAL

Due to the unidirectionality, the duration of the door opening cycle is shorter, which reduces heat loss from the building and saves energy. This also optimises the "airlock" function.

INFRARED CURTAINS

48 high-density infrared spotlights from 2 curtains protect users from any contact with the doors.

A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.

LCD

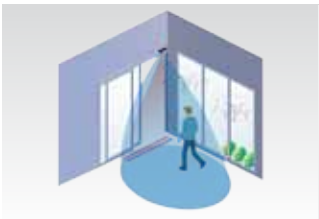
Intuitive configuration with an LCD screen displaying text and symbols (LCD graphics).

SAFETY

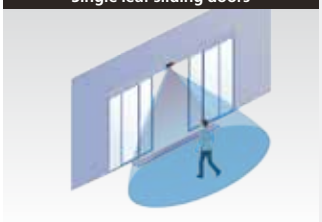
4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.

FAAC
Simply automatic.

APPLICATIONS

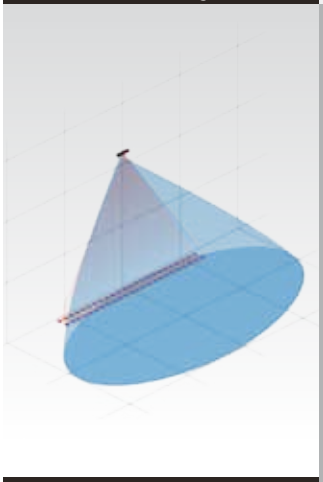


Single leaf sliding doors



Double leaf sliding doors

DETECTION RANGE



Area detection radar 4 m x 2 m @ 2.2 m
infrared 2,2 m x 0.5 m @ 2.2 m

APPLICATIONS

- Opening and safety of linear, telescopic and curved automatic sliding doors.

EASE OF INSTALLATION

- Intuitive configuration thanks to an LCD screen and/or a remote control
- LCD graphics screen with choice of language.
- 10 adjustment options for the IR curtains.
- Lateral orientation from -15° to +15° for the radar antenna.
- 4 infrared spotlights visible on the ground for the easy adjustment of the failsafe curtain.
- Plug, push & go.

VERSIONS

- IXIO-DT1: dual sensor with combined technologies and self-monitoring.
- IXIO-DT3: dual sensor with combined technologies for emergency doors and standard doors. 3-in-1 product with choice of 3 types of output (current/frequency/relay).

ACCESSORIES

Bracket accessory

Ceiling accessory

Spotfinder

TECHNICAL SPECIFICATION

Detection mode	Motion	Presence
Technology	Microwave doppler radar	Active infrared with background analysis
Output	Solid-state-relay (potential and polarity free) Frequency output* (f = 100 Hz +/- 10%) Current source output*	Solid-state-relay (potential and polarity free) Pulse output**
Test input		Sensitivity : Low : < 1 V; High : > 10 V
Supply voltage	12 V - 24 V AC +/-10%; 12 V - 30 V DC +/- 10%	
Mounting height	2 m to 3,5 m (local regulations may have an impact on the acceptable mounting height)	
Temperature range	-25°C to +55°C; 0-95% relative humidity, non condensing	
Degree of protection	IP54	
Applicable directives /Norms	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 12978; EN ISO 13849-1:2008 PL «d» CAT. 2***/»c» CAT. 2****; EN 16005:2012 Chapter 4.6.8.; DIN 18650-1:2010 Chapter 5.7.4. ; AutSchR***	

Specifications are subject to change without prior notice.
** DT3/DP3 **DP1/DP3*
**** Only applicable for frequency and current source output*
***** Under the condition that the door control system monitors the sensor at least once per door cycle*

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Simply automatic.