OPTEX

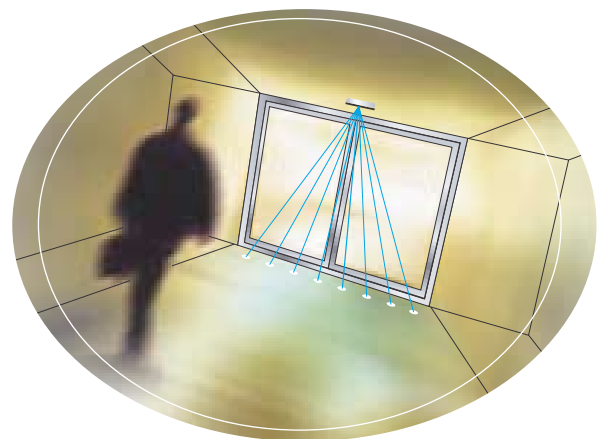## Active infrared
Door Sensor

OA-Presence

Safety   Reliable   Infinity presence   Sensitivity

Environmental immunity   detection   DESIGN

Easy installation   Quality

The Optex OA-Presence is especially developed as a safety sensor. This sensor can serve as an extra safety sensor to protect the threshold against early closing of the door. Besides, there is also the possibility to position the sensor to create extra safety against pinch off near the door leaf during the opening cycle.

Easy installation

The Optex OA-Presence is simple to install. All the settings are mechanically adjustable with dipswitch and levers.

Security

The Optex OA-Presence can serve as an extra threshold safety to prevent early closing of the door. Besides, there is also the possibility to position the sensor to create extra safety against pinch off near the door leaf during the opening movement. In both case the sensor detects persons or objects as long as they are in the threshold area, even if they stop or pause. As threshold safety, the sensor will order the door to open until the person or object has left the area. In case of safety behind the door leaf, the sensor will send a contact to the device, where after the automatic door can be sent, for instance, into a slow mode function.

Design

A very compact and slim design, available in three colours: black, silver and white.

All conditions

Snow mode and variable sensitivity adjustments make this sensor suitable for every application and even at extreme weather conditions.

Quality

Optex automatic door sensors guarantee premium performance and include a 3-year full replacement warranty.
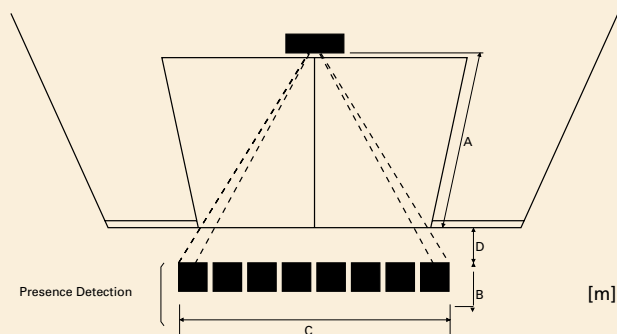
OA-Presence (S)

OA-Presence (BL)

Active Infrared **Door Sensor**

Specifications

Modell	OA-Presence
Mounting Height	max. 3.0 m. (9'10")
Detection Area Adjustments	Depth 4°, in or out Width 7°, left or right
Detection Technique	Active infrared (near infrared reflection)
Power Supply	12 - 24V AC/DC
Current Draw	160mA max.
Power/Operating Indicator	Green LED ON: standby Red LED ON: presence detection
Output Contact	Form C relay 50V, 0.3A (resistance load)
Relay Hold Time	Approx. 0.5 Sec
Operating Temperature	-20°C - +55°C (4°F - +131°F)
Outer Domensions	221 x 63 x 29.9 mm (w x h x d)
Weight	200 g
Accessoires	3 m Connection cable with plug 2 Mounting screws Mounting template Area adjustment tool
Available	Silver (OA-Presence (S)) and black (OA-Presence (BL))

Detection area

Presence Detection

[m]

	2.20	2.50	2.70	3.00
Mounting Height A	2.20	2.50	2.70	3.00
Area Depth B (presence dectection)	0.16	0.18	0.19	0.21
Area Width C	2.30	2.60	2.80	3.10
Distance to mounting surface D	0.18	0.20	0.22	0.25