

OA-PRESENCE T

Active Infrared Door Sensor for Slide Doors

Presence Detection and Threshold Safety



The OPTEX OA-Presence T is designed to create safety around sliding doors. When using this sensor for threshold safety the use of safety beams is not required. The OA-Presence T may be used as a side screen safety sensor, preventing the doors from hitting people or objects in the side screen area during the opening cycle.

Features & Benefits

Side Screen Safety

The OPTEX OA-Presence T can be used as a side screen safety sensor. By installing the sensor at the rear end of the door the OA-Presence T will secure the side screen area and prevent the doors from hitting someone or something during the opening cycle of the door.

Threshold Safety

The OA-Presence T is the ideal sensor for threshold safety used in combination with external activators like push buttons, security systems or any kind of activation sensor. By using the OA-Presence T the threshold is completely secured.

Presence Detection

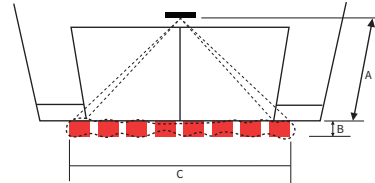
The active infrared presence detection of the OA-Presence T can be set very accurately and moved 5° towards or away from the door. When used as a threshold safety sensor the installation of safety beams is no longer mandatory. The sensor detects a person or object and holds the door open as long as they are in the threshold area, even if they stop or pause.

Presence Detection

By installing the OA-Presence T on a mounting bracket (to be supplied by the door manufacturer), it is easy to integrate the sensor into the header of the door operator. The sensor is accessible from the bottom so installation and settings can be made without removing the operator's cover.

Detection Area

The OA-Presence T has a large detection area which can detect beyond the normal area around the moving part of the door. The sensor creates a layer of awareness around the door to ensure safety.



The values below are those when tilted 5° away from the door

A	6' 6 3/4"	7' 2 5/8"	8' 2 7/16"	8' 10 5/16"	9' 10 1/8"
B	1' 2 9/16"	1' 3 3/4"	1' 5 11/16"	1' 6 7/8"	1' 8 7/8"
C	8' 6 3/8"	9' 4 5/8"	10' 7 15/16"	11' 6 3/16"	12' 9 9/16"

Specifications

Model	OA-Presence T
Cover color	Black/Silver
Mounting height	6'7" to 9'10"
Detection method	Active Infrared Reflection (Presence detection type)
Depth angle adjustment	-5° to +5°
Power supply	12 to 24 VAC ±10% 12 to 30 VDC ±10%
Power consumption	<2W (<3 VA at AC)
Operation LED	Green: stand by; Red: detection active
Safety/Test output	Opto coupler (NPN) Voltage 5 to 30 VDC Current 100mA Max. Dark current 600nA Max (Resistance load)
Test Input	Opto coupler Voltage 5 to 30VDC Current 6mA Max. (30VDC)
Output hold time	Approx. 0.5 sec.
Response time	<0.3 sec.
Operating temperature	-4 to +131°F
Operating humidity	<80%
IP rate	IP54
Category	2 (EN ISO13849-1: 2008)
Performance level	d (EN ISO13849-1: 2008)
Weight	9.2 oz.
Accessories	1 operation manual, 2 mounting screws, 1 mounting template, 1 sensor cable 9'10"

Dimensions

