

BLUEZONE TECHNOLOGY

OA-FLEX T

**Active Infrared Sensor for
Slide or Swing Doors**

Flexibility for Increased Safety and Reliability



The OPTeX OA-Flex T Active Infrared Door Sensor for slide or swing doors features whole presence detection capability for increased safety and reliability. The OA-Flex T features BlueZone™ technology for full threshold safety. Built-in monitoring capability ensures high performance over the life of the sensor.

www.optexamerica.com



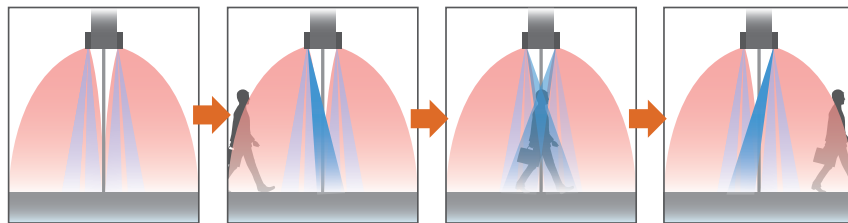
Features & Benefits

Flexibility for Safety and Reliability

The OPTEX OA-Flex T Door Sensor for Slide or Swing Doors features whole presence detection capability for more safety and reliability. The OA-Flex T Active Infrared Sensor features BlueZone for full threshold safety, and built-in monitoring for more reliability.

Built-in Monitoring

The OA-Flex T sensor monitors all its critical functions and notifies compatible controls when an error occurs. Self-monitoring capability ensures a higher level of performance over the life of the sensor.

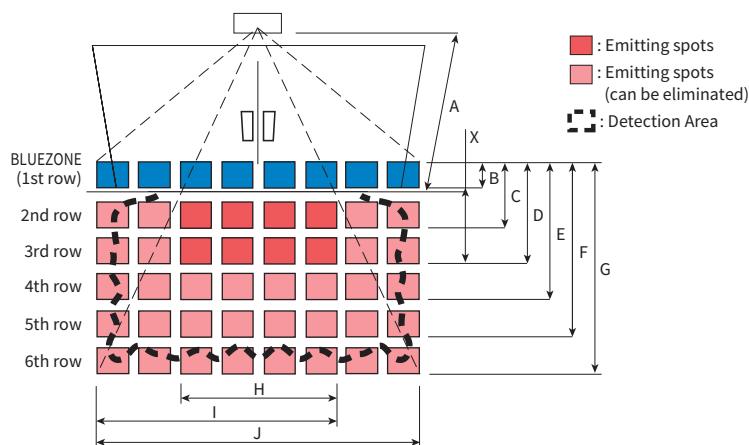


BlueZone™ True Threshold Safety

When a person is detected, the door is activated and Blue-Zone, our exclusive threshold look-through technology, becomes active. As long as someone is in the detection area, the sensor will keep the door open. Once the area is cleared, the BlueZone will ignore the door panels and allow the doors to safely close.



Detection Area



Emitting area

A	6'7"	7'7"	8'2"	9'10"
B	5"	6"	7"	8"
C	1'3"	1'6"	1'8"	1'12"
D	2'4"	2'10"	3'1"	3'8"
E	2'9"	3'4"	3'7"	4'4"
F	4'5"	5'4"	5'9"	6'11"
G	5'9"	6'11"	7'6"	9'
H	3'	3'8"	3'11"	4'9"
I	4'11"	5'11"	6'5"	7'8"
J	6'9"	8'2"	8'10"	10'7"

Charts show the values in the following area angle adjustment settings ; Depth : 0° Width : 0°

Specifications

Model	OA-FLEX T
Cover color	Black
Mounting height	6'7" to 8'2"
Detection method	Active infrared reflection (AIR)
Area angle adjustment	Depth: -8° to +8°; Width ±7°
Power supply	12 to 24 VAC ±10% (50/60 Hz); 12 to 30 VDC ±10%
Power consumption	<2.0W (<5 VA at AC)
Operating humidity	<80%
Operating temperature	-31 to 131°F
Activation output	Form A relay 50V 0.3 Max. (Resistance load)
Safety output	Form A relay 50 V 0.3 A Max. (Resistance load)
Test input	Opto coupler Voltage 5 to 30 VDC Current 6mA Max. (30VDC)
Response time	<0.3 sec.
Weight	7.8 oz.
Accessories	1 operation manual; 2 mounting screws; 1 mounting template; 1 area adjustment tool; 1 cable (9'10"/3m) (8 x 0.22mm ² AWG24)

Dimensions

