

Emitting area

[m(feet,inch)]

A	2.00 (6'7")	2.20 (7'3")	2.50 (8'2")	2.70 (8'10")	3.00 (9'10")
B	0.13 (5")	0.14 (6")	0.16 (6")	0.18 (7")	0.20 (8")
C	0.38 (1'3")	0.42 (1'5")	0.48 (1'7")	0.52 (1'8")	0.58 (1'11")
D	0.74 (2'5")	0.82 (2'8")	0.93 (3'1")	1.00 (3'3")	1.10 (3'7")
E	1.23 (4')	1.35 (4'5")	1.54 (5'1")	1.66 (5'5")	1.85 (6'1")
F	1.74 (5'9")	1.90 (6'3")	2.17 (7'1")	2.34 (7'8")	2.60 (8'6")
G	1.06 (3'6")	1.33 (4'4")	1.51 (4'11")	1.63 (5'4")	1.81 (5'11")
H	1.86 (6'1")	2.05 (6'9")	2.32 (7'7")	2.51 (8'3")	2.79 (9'2")
I	2.52 (8'3")	2.78 (9'1")	3.15 (10'4")	3.40 (11'2")	3.79 (12'5")
X	0.19 (7")	0.21 (8")	0.24 (9")	0.26 (10")	0.28 (11")

X is the distance between the 1st row and the mounting surface.

Detection area

To comply with EN 16005, make sure that the detection area is within the values in the chart below.

A	2.00 (6'7")	2.20 (7'3")
C	0.23 (9")	0.24 (9")
G	1.02 (3'4")	1.10 (3'7")
I (*)	2.41 (7'11")	2.54 (8'4")

Test conditions required by EN 16005

Floor : Grey paper

Detection object : EN 16005 CA reference body

Sensitivity : Middle

Speed of detection object : 50mm / sec.

The values above are those of the **Detection area** when tested referring to the test conditions of EN 16005.

(The emitting area is as shown in **Emitting area** above.)

*: When installed at higher than 2.20m(7'3"), EN 16005 requirements are fulfilled only within the area width "I" of 2.54m(8'4").

NOTE The actual detection area may become smaller depending on the ambient light, the color / material of the object or the floor as well as the entry speed of the object.
The sensor may not be activated when the entering speed of the object or a person is slower than 50mm / sec. or faster than 1500mm / sec.

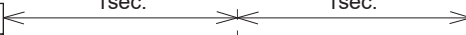







Model	: OA-AXIS T	Activation output	: When 3rd, 4th or 5th row detects. Form A relay
Cover color	: Silver / Black		50V 0.3A Max. (Resistance load)
Mounting height	: 2.0 (6'7") to 3.0m (9'10")	Operating temperature	: -20 to +55°C (-4 to 131°F)
Detection area	: See DETECTION AREA	Operating humidity	: < 80%
Detection method	: Active infrared reflection (*1)	Noise level	: < 70dBA
Depth angle	: 1st to 3rd rows / -6° to +6° adjustment 4th and 5th rows / +26° to +44°	Output hold time	: < 0.5sec.
Power supply (*2)	: 12 to 24VAC ±10% (50 / 60Hz) 12 to 30VDC ±10%	Response time	: < 0.3sec.
Power consumption	: < 2.5W (< 4VA at AC)	IP rate	: IP54
Operation indicator	: See chart below	Category	: 2 (EN ISO 13849-1:2015)
Safety input	: Opto coupler Voltage / 5 to 30VDC Current / 6mA Max. (30VDC)	Performance level	: d (EN ISO 13849-1:2015)
		ESPE	: Type2
Safety output	: When 1st or 2nd row detects. Opto coupler (NPN) Voltage / 5 to 50VDC Current / 100mA Max. Dark current / 600nA Max. (Resistance load)	Weight	: 320g (11.2oz)
		Accessories	: 1 Operation manual 2 Mounting screws 1 Mounting template 1 Area adjustment tool 1 Cable 3m (9'10") (8 × 0.22mm ² AWG24) (*3)

*1 : The 1st and 2nd rows have presence detection function.

*2 : When using this sensor, the sensor has to be connected to a door system which has the SELV circuit.

*3 : Overcurrent protection with less than 2A.

Operation indicator

Status	Operation indicator color	
Stand-by (Installation mode)	Yellow	
Stand-by (Operation mode)	Green	
1st row detection	Blinking Red	
2nd row detection	Red	
3rd, 4th or 5th row detection	Orange	
Setting error	Red & Green Blinking	
Signal saturation	Slow Green Blinking	
Sensor failure	Fast Green Blinking	

NOTE The specifications herein are subject to change without prior notice due to improvements.

