



DOOR MOUNTED PRESENCE SENSOR OA-EDGE SERIES FOR SWING DOORS



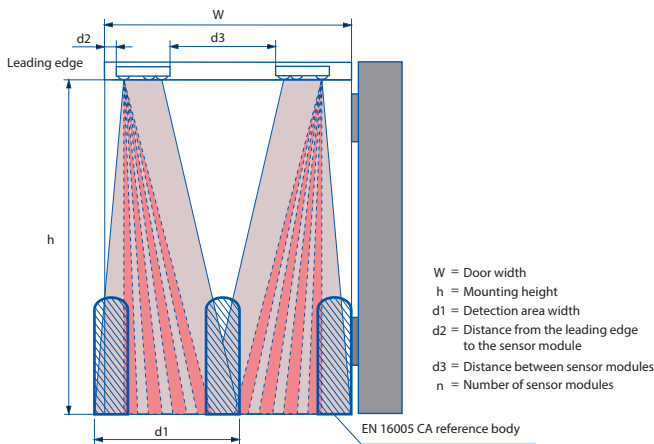
MASTER AND SLAVE MODULES

The sensor can be assembled using master and slave modules according to the required safety level and the width of the swing door. For a standard configuration of 2 sensors installed on door with a width of 900 cm only one master module is required, a maximum of 3 slave modules can be connected to this master module.



DETECTION AREA

Detection area at 2200mm (7' 2 5/8") : Depth 140 (5 1/2") x Width 870 (2'10")
 Test conditions required by EN 16005 Detection object : EN 16005 C A reference body
 Emitting area at 2200mm (7' 2 5/8") : Depth 140 (5 1/2") X Width 440 (1' 5 1/2")



unit : mm (inch)

h	W		900 (2'12")		1100 (3'7")		1200 (3'11")	
	d1	d2	n	d3	n	d3	n	d3
1900 (6'3")	760 (2'6")	70 (2 3/4")	2	175 (6 7/8")	2	375 (14 3/4")	2	475 (18 5/8")
2000 (6'7")	790 (2'7")	70 (2 3/4")	2	160 (6 3/8")	2	355 (14")	2	460 (18 1/8")
2100 (6'11")	825 (2'9")	70 (2 3/4")	2	145 (5 6/8")	2	345 (13 5/8")	2	445 (17 1/2")
2200 (7'3")	870 (2'10")	70 (2 3/4")	2	125 (5")	2	320 (12 5/8")	2	420 (16 4/8")
2300 (7'7")	895 (2'11")	70 (2 3/4")	2	115 (4 1/2")	2	315 (12 3/8")	2	415 (16 2/8")
2400 (7'11")	920 (3")	70 (2 3/4")	2	110 (4 1/2")	2	310 (12 2/8")	2	410 (16 1/8")
2500 (8'2")	950 (3'1")	70 (2 3/4")	2	110 (4 3/8")	2	300 (11 6/8")	2	400 (15 3/4")

The OA-Edge series are based on the Optex Active Infrared Triangulations Technology. Due to the modular design, you can upgrade the safety level of the sensor by adding additional modules.

The OA-Edge T is in compliance with the latest European and local regulations as DIN 18650 and tested and approved by the German test organization TUV.



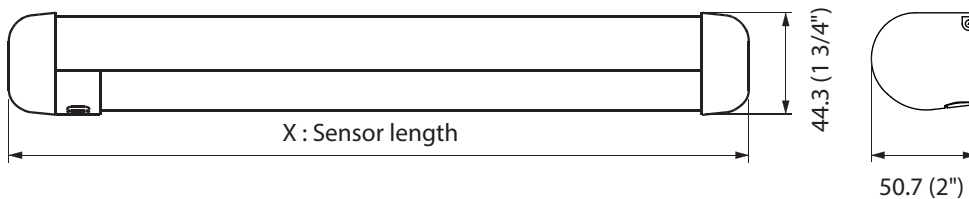


DOOR MOUNTED PRESENCE SENSOR OA-EDGE SERIES

FOR SWING DOORS



Unit: mm (inch)



SPECIFICATIONS

Model *	OA-EDGE1 / OA-EDGE2
Profile color	Black / Silver
Mounting height	1.5 (4'11") to 3.0 m (9'10")
Detection area	See DETECTION AREA
Detection method	Triangulation
Min. configuration	1 master module + 1 LED module
Max. configuration	4 sensor modules + 2 LED modules
Depth angle adjustment	0° to +25°
Power supply	12 to 24 VAC ±10% (50 /60 Hz) 12 to 30 VDC ±10%
Power consumption	<1.3 W (<2 V A at AC) at min. configuration <3.5 W (<4.5 V A at AC) at max. configuration
Output **	Form C relay Voltage / 42 VDC Current / 0.3 mA max. (resistance load)
Output hold time	Approx. 0.5 sec.
Response time	<75 m sec.
Operating temperature	-20°C to +55°C (-4°F to +131°F)
Operating humidity	<80%
IP rate	IP54
Sensor length	13.1' / 14.5' / 40' / 44'

Model	OA-EDGE T
Profile color	Black / Silver
Mounting height	1.5 (4'11") to 3.0 m (9'10")
Detection method	Triangulation
Min. configuration	1 master module + 1 LED module
Max. configuration	4 sensor modules + 2 LED modules
Depth angle adjustment	0° to +25°
Power supply 1	12 to 24 VAC ±10% (50 /60 Hz) 12 to 30 VDC ±10%
Power consumption	<1.3 W (<2 V A at AC) at min. configuration <3.5 W (<4.5 V A at AC) at max. configuration
Test input	Opto coupler 10 to 30 VDC Current / 6 mA max.
Safety / Test output 1	Form C relay
Safety / Test output 2	Voltage / 42 VDC Current / 0.3 A max. (resistance load)
Output hold time	Approx. 0.5 sec.
Response time	<75 m sec.
Operating temperature	-20°C to +55°C (-4°F to +131°F)
Operating humidity	80%
IP rate	IP54
Noise level	<70dBA
Category	2 (EN ISO13849-1 : 2008)
Performance level	d (EN ISO13849-1 : 2008)
Dimensions	various x 44 x 51 mm (w x h x d)
Sensor length	340 mm / 700 mm / 900 mm / 1,100 mm /1,200 mm

* : OA-EDGE1 have 1 sensor module (Master only). OA-EDGE2 have 2 sensor modules (Master + Slave).

** : There are two types of output. (Reactivate & Stall)

*** : This is only OA-EDGE1 13.5