

Header mount Active Infrared Door Sensor for Swing Door



Pro-Swing **PREMIER T**

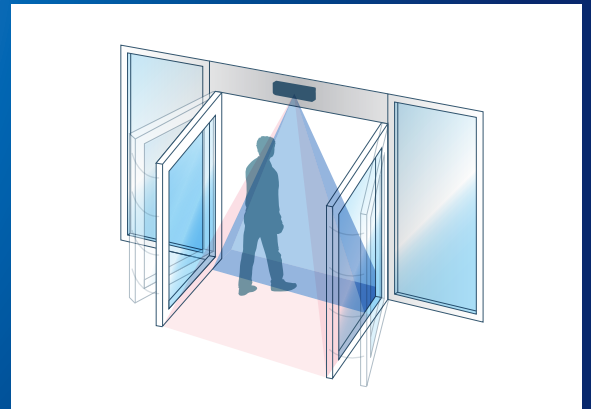
Sensor head : OA-613 T
Controller : OC-913C T

Premium Safety and Efficiently

- Full open Full closed Swing Area detection
- Universal compatibility with all operators
- Full open look-back through the threshold



Black

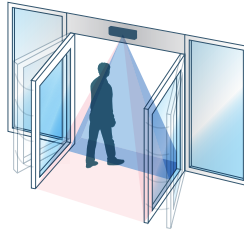


 **ECO**

ELIMINATES startle factor
by providing full swing area coverage
Closed / Open / In Motion without
additional OHP



How it Works: When the approach area detects a person or object, the sensor will activate the door and turn on the "BLUEZONE" which detects through the threshold. As long as someone is in the detection area, the sensor will keep the door in the open position. Once the area is cleared, the "BLUEZONE" will ignore the door panels and allow the door to safely close.



Monitoring Capability

PREMIER T has built-in "monitoring capability". PREMIER T 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.

Complied with New ANSI standard

Detection Area

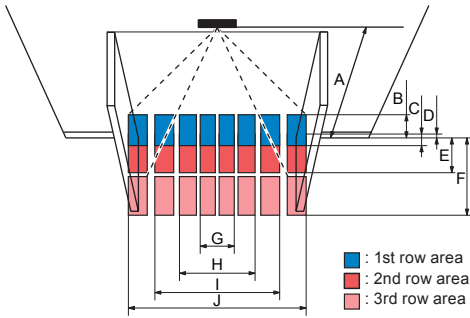
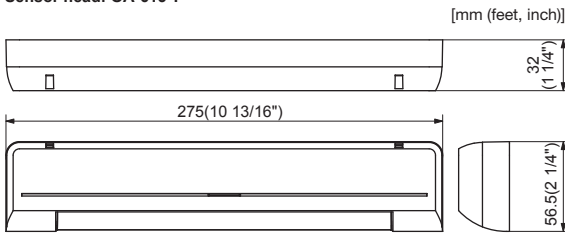


Chart shows figures if all angles are set at 0degree.

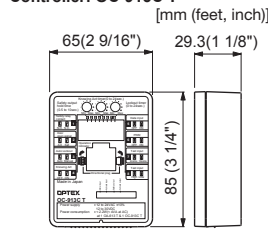
	[feet, inch (mm)]		
A	6'7" (2000)	7'3" (2200)	2500 (8'2")
B	1'2" (364)	1'4" (400)	1'6" (455)
C	7" (182)	8" (200)	9" (227)
D	1" (23)	1" (25)	1" (28)
E	2'2" (664)	2'5" (730)	2'9" (830)
F	4'7" (1391)	5'1" (1530)	5'9" (1739)
G	2'3" (682)	2'6" (750)	2'10" (852)
H	4'4" (1318)	4'9" (1450)	5'5" (1648)
I	6'9" (2045)	7'5" (2250)	8'5" (2557)
J	9'5" (2864)	10'4" (3150)	11'9" (3580)

Dimensions

Sensor head: OA-613 T



Controller: OC-913C T



Specifications

Model (System name)	PREMIER T
Power supply	12 to 24 VAC ±10% (50 / 60 Hz) 12 to 30 VDC
Power consumption	< 2.2 W (< 4 VA at AC) at 1 OA-613 T & 1 OC-913C T
Output *	CMOS. Relay voltage / 5 VDC
Test input	Opto coupler Voltage 5 to 30 VDC Current 6 mA Max. (30 VDC)
Output hold time	0.5 sec. fixed (Activate output) 0.5 sec. to 10 sec. (Safety output)
Response time	< 0.3 sec.
Operating temperature	-4 to 131°F (-20 to +55°C) without dew condensation
Operating humidity	< 80%
Accessories	1 Spec manual 1 Installation manual 2 Mounting screws 1 Mounting templates for OA-613 T 1 Communication cable 3'3" (1 m) 1 Wiring cable 2' (0.6 m) 1 Velcro tape 2 Wiring shells

Model (Sensor head)	OA-613 T
Cover color	Black
Mounting height	6'7" (2.0 m) to 8'2" (2.5 m)
Detection area	See DETECTION AREA
Detection method	Active infrared reflection **
Depth angle adjustment	1st row area ±5° 2nd & 3rd row area ±5°
IP rate	IP44
Weight	8.1 oz (230 g)

Model (Controller)	OC-913C T
Weight	2.3 oz (65 g)

* : Two type of outputs (Activate , Safety)

** : All rows have the presence detection.

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