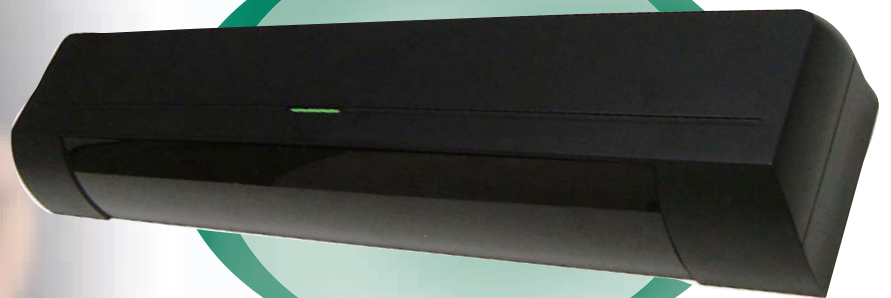




# Swing Door Presence Sensor

PRO SWING PREMIER



OA-603BL

RELIABLE Quality Easily controlled  
**Premier Safety** Active Infrared Presence detection Sensor  
PRECISE DETECTION Premier Style ALL OF THE TIME!

The Optex ProSwing Premier is designed to detect moving or stationary people in the swingpath of the door. The Optex ProSwing Premier provides Premier Safety and Premier Style all of the time!



## Safety

The presence detection feature assures a safety signals is present at the door control in the event a person or an object is within the swing-path of an automatic swinging door. The presence detection timer can be preset to 15, 30, 60 or 120 seconds of duration.

## Design

The modern style of the Pro-Swing Premier will blend beautifully for use in any setting.

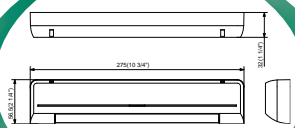
## All Conditions

Variable sensitivity adjustments make this sensor suitable for every application including extreme weather conditions.

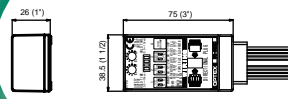
## Advantages

- "Patented push and go / touch stop feature" for double swing doors! Push and go feature provides 4 full memory patterns to accommodate all door opening and closing combinations. An average sensor only provides 2 memory patterns and may require frequent "re-learning" of the sensor if push and go or touch stop features are used.
- Detection pattern looks through the threshold and both the threshold pattern and the swing pattern are independently adjustable giving you the maximum look back capability!
- Automatic and manual lock out features available on OC903 controller (provided).

### Sensor Dimensions



### Controller Dimensions



# Swing Door Presence Sensor Specifications

### Pro-Swing Premier Sensor

Model	OA-603
Mounting Height	2.0m (6') to 2.5m (8'2")
Detection Area	Refer to Detection Area Chart
Detection Method	Active Infrared Reflection (Presence Detection Type)
Detection Angle	Threshold Area $\pm 5^\circ$
Adjustments	Swing Area $\pm 5^\circ$
Operation Indicator	Green: Stand-by Blinking Red: Threshold Area Detection Active Red: Swing Area Detection Active Blinking Yellow: Teaching
Current Draw	120mA Max
Response Time	< 0.3 second
Operating Temperature	-20° C to +55° C (-4° F to +131° F)
Weight	230g (8.2oz.)
Accessories	1 Sensor Cable (1m) 2 Mounting Screws 1 Operation Manual 1 Mounting Template

### Pro-Swing Premier Controller

Model	OC-903C
Power Supply	12 - 24V AC, 12 - 30V DC
Current Draw	250mA max.
Output Contact	Form A Relay 50V, 0.3A Form C Relay 50V, 0.3A
- Activate Output:	0.5 to 10s
- Safety Output:	< 0.3s
Relay Hold Time (Safety Output Only)	0 - 24sec
Response Time	Green: Standby
Lockout Timer	Red: Door Opening
Power/Operation Indicator	Orange: Lockout
Operating Temperature	-20 - +55C degrees (-4F - 131F degrees)
Weight	50g (1.8 oz.)



OA-603BL



OC-903C

### Detection Area Chart

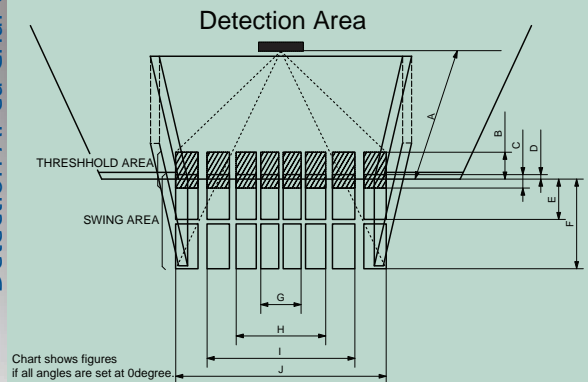


Chart shows figures if all angles are set at 0degree

	mm (ft.)	mm (ft.)	mm (ft.)
A	2000 (6'7")	2200 (6'11")	2500 (8'2")
B	364 (1'2")	400 (1'4")	455 (1'6")
C	182 (7")	200 (8")	227 (9")
D	23 (.875")	25 (1")	28 (1.12")
E	664 (2'2")	730 (2'5")	830 (2'9")
F	1391 (4'7")	1530 (5'1")	1739 (5'9")
G	682 (2'3")	750 (2'6")	852 (2'10")
H	1318 (4'4")	1450 (4'9")	1648 (5'5")
I	2045 (6'9")	2250 (7'5")	2557 (8'5")
J	2864 (9'5")	3150 (10'4")	3580 (11'9")

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