



Swing Door

Presence Sensor

PRO SWING PREMIER



OA-603BL

RELIABLE

Quality

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

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



Safety

The presence detection feature assures a safety signal 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.

Quality

Optex automatic door sensors guarantee premium performance and include a 3-year full replacement warranty.

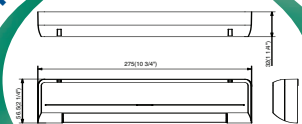
Design

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.

Sensor Dimensions



Controller Dimensions



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 safety depth while maintaining the maximum look back capability!
- Automatic and manual lock out features available on OC903 controller (provided).

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 | |
| - Activate Output: | Form A Relay 50V, 0.3A |
| - Safety Output: | Form C Relay 50V, 0.3A |
| Relay Hold Time | 0.5 to 10s |
| Response Time | < 0.3s |
| Lockout Timer | 0 - 24sec |
| Power/Operation Indicator | Green: Standby Red: Door Opening Orange: Lockout |
| Operating Temperature | -20 - +55C degrees (-4F - 131F degrees) |
| Weight | 50g (1.8 oz.) |



OA-603BL



OC-903C

Detection Area Chart

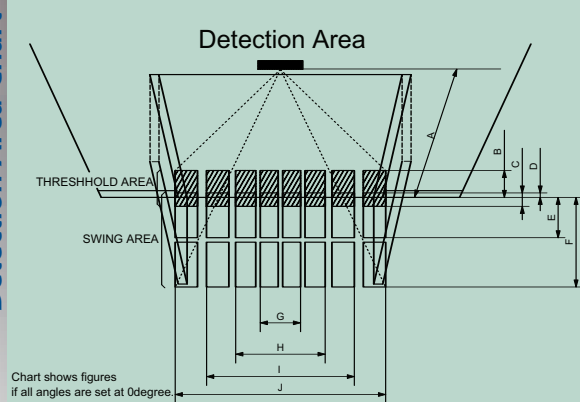


Chart shows figures if all angles are set at 0degree

| | 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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