



# Overhead presence sensor

## Automatic swinging doors

### Description

Designed to detect moving or stationary people in the swing path of the door, this infrared door sensor stays active even when the door is in motion, providing safety all of the time. This unit complies with new ANSI standard.

### Features & benefits

- **Full-time presence detection.** The advantage of this door-mounted sensor is that the presence detection stays on even when the door is in motion. It can detect a person or object at any point in the door's swing path, providing complete safety and convenience for swinging doors. When a person or object is in the detection area, the sensor causes the door to slow, stop, or reverse direction.
- **Knowing Act Doors.** This system satisfies the requirement for a secondary activation sensor. No additional sensor is required.
- **No overhead safety sensor required.** This sensor provides a full detection pattern covering the entire swing of the doors in full open and full close position.
- **Monitoring capability.** With its built-in monitoring capability, this active infrared sensor monitors all its critical functions and notifies compatible controls when an error occurs. Self-monitoring ensures a higher level of performance over the life of the sensor.
- **Large and adjustable detection area.** This sensor has a large detection area which can detect beyond the normal area around the moving parts of the door. The sensor creates a layer of awareness around the door to ensure safety.

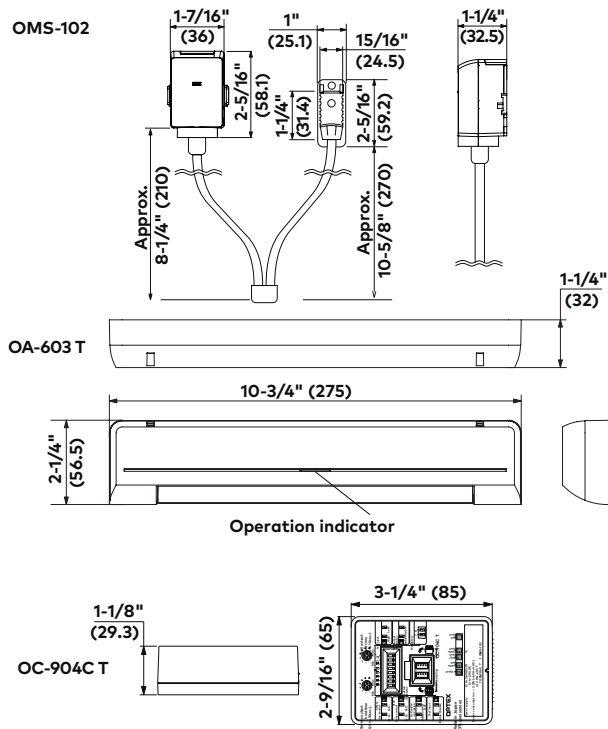
**Technical specifications**

<b>Model</b>	<b>OA-603 T</b>
<b>Cover color</b>	Black / Silver
<b>Mounting height</b>	6' 7" (2 m) to 8' 2" (2.5 m)
<b>Detection method</b>	Active infrared reflection (Presence detection type)
<b>Detection angle</b>	Threshold area ±5 (inside & outside) Adjustments: Swing area ±5 (inside & outside)
<b>Operation indicator</b>	Green: Stand-by Blinking red: Threshold area detection active Red: Swing area detection active Blinking yellow: Learning
<b>Current draw</b>	120 mA max.
<b>Response time</b>	< 0.3 sec.
<b>Operating temperature</b>	-4°F to +131°F (-20°C to +55°C)
<b>Weight</b>	8.2 oz (230 g)
<b>Accessories</b>	1 Sensor cable 7" (0.2 m) 9 Mounting screws 1 Operation manual 3 Mounting templates

<b>Model</b>	<b>OC-904C T</b>
<b>Power supply</b>	12 to 24 V AC / 12 to 30 V DC
<b>Current draw</b>	500 mA max.*
<b>Activate output</b>	Form A relay 50 V, 0.3 A (resistance load)
<b>Safety output</b>	Form B relay 50 V, 0.3 A (resistance load)
<b>Stall output</b>	Form B relay 50 V, 0.3 A (resistance load)
<b>Relay hold time</b>	(Safety & Stall Output only) 0.5 to 10s
<b>Response time</b>	< 0.3 sec.
<b>Operation indicator</b>	Green: Stand-by Red: Door opening Orange: Lockout
<b>Operating temperature</b>	-4°F to +131°F (-20°C to +55°C)
<b>Weight</b>	2.2 oz (62 g)
<b>Accessories</b>	1 2-sided tape 2 T-tap connectors

\* When a unit of the 2 OA-603 and 1 OC-904C used.

**DX3335-008 dimensional drawing**



dormakaba USA Inc.  
Dorma Drive, Drawer AC  
Reamstown, PA 17567  
844-SPECNOW  
www.dormakaba.us

dormakaba Canada  
1680 Courtney Park Dr. Unit 13  
Mississauga, ON L5T 1R4  
800.387.4938  
www.dormakaba.ca