# С ортех ОА-603

CE

Swing Door Safety Sensor



## MANUFACTURER'S STATEMENT

Read this document and this Operation Manual carefully before use, to ensure proper operation of this Optex sensor. Failure to read this Operation Manual may cause improper sensor operation and may result in serious injury or death. This product is a non-contact activating switch intended for mounting on the header of an automatic door. Do not use it for any other applications; otherwise proper operation and safety cannot be guaranteed. Cautions :

- 1. Follow the instructions (especially Note) in this Operation Manual when installing and adjusting the sensor.
- 2. When setting the sensor's area pattern, make sure there is no traffic around the installation site.
- 3. Before turning the power on, check the wiring to prevent damage or malfunction of equipment that is connected to the sensor.
- 4. Do not disassemble, rebuild or repair the sensor yourself; otherwise it may cause electric shock or breakdown of the sensor.
- 5. Only use the sensor as specified in the supplied instructions.
- 6. Be sure to install the sensor in accordance with the local laws and standards of your country.
- 7. Before leaving the jobsite, be sure this equipment is operating properly and instruct the building owner/operator on proper operation of the door and this sensor.

### **SPECIFICATIONS**

Model	: OA-603	Current Draw	: 120mA Max				
Mounting Height	: 2.1m (6'11") to 2.5m (8'2")	Response Time	: < 0.3 second				
Detection Area	: See the chart in "ADJUSTMENT".	Operating Temperature	: -20°C to +55°C (-4°F to +131°F)				
Detection Method	: Active Infrared Reflection Weight		: 230g (8.2oz.)				
	(Presence Detection Type)	Accessories	1 Sensor Cable (1m)				
Detection Angle	: Threshhold Area ±5° (Inside & outside)		2 Mounting screws				
Adjustments	Swing Area ±5° (Inside & Outside)	1 Operation Manual					
Operation Indicator	: Green : Stand-by		1 Mounting Template				
	Blinking Red : Threshhold Area Detection Active						
	Red : Swing Area Detection Active						
	Blinking Yellow : Teaching The specifications herein are subject to change without prior notice due to improvements.						

### **OUTER DIMENSIONS**



#### INSTALLATION









Mode	Self Monitoring Function	Life cycle Notification	Signal Saturation	Communication Error	Setting Error
Operation Indicator	Fast Green Blinking	Twice Green Blinking	Slow Green Blinking	Twice Orange Blinking	Fast Orange Blinking
Explanation	The sensor is reaching the end of its life cycle.	The relay is reaching the end of its life cycle.	Either the mounting position is too low or the detection area includes the wall or another object. Refer to "ADJUSTMENT".	The sensor cable is connected, but unstable communication. Refer to "ADJUSTMENT".	When all the area width switches are inactive. Refer to "ADJUSTMENT".

If the trouble still persists after checking and remedying as described above, contact your local sales representative.

"Take Care of Environment". This manual uses recycled paper.



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