OPERATION MANUAL PROSRFE OA-70C

MANUFACTURER'S STATEMENT

5912813 2007.01

For ease of installation and proper operation read through this manual (especially Λ warning Λ caution and protection of prior to installing and adjusting the sensor system. Failure to read and follow the instructions in this manual may cause improper sensor operation resulting in serious injury or death. This sensor is a non-contact activating switch intended for mounting on the ceiling

English

Do not use the sensor for any other applications otherwise proper operation and safety cannot be guaranteed. Disregard of warning may cause the improper use causing death or serious injury of person. Disregard of caution may cause the improper use causing injury of person or damage to object. NOTE Special attention for the setting and adjustment of section of this symbol is required

Set the door speed and verify proper operation of the door manufacturer's equipment prior to applying the power to the sensor system

. Do not install the sensor where it might be directly sprayed with rainwater.

- 3. Verify proper wiring prior to applying the power to the sensor system to prevent damage to equipment.
- When setting the sensor's detection area, make sure there is no traffic around the installation site. 5. Do not attempt to disassemble, rebuild or repair sensor. Contact your installer or service engineer for replacement of sensor.

6. Only use the sensor as specified in the supplied instructions.

7. Walk-test the detection area to verify the operation is in compliance with all local laws, codes and standards of your country. 8. Upon completion of installation and adjustments, instruct the owner/operator on proper operation of the door and sensor system.

The use of switch as a safety auxiliary device is recommended for the threshold safety. 9



INSTALLATION



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6. Do not place an object that moves or emits light in the detection area. (e.g. plant, illumination, etc.)

surface. When it faces the wall or the ceiling, the sensor may not operate properly

Remove the cover from the sensor. 2 Plug the connector of the cable to the connector of the sensor.



NOTE Make sure to plug the connectors with each other firmly, the loose connection may result in imperfect contact and unstable operation of the sensor.

ADJUSTMENT (Turn on the p

intersects with the 1st and 2nd Rows.



Area Dimensions [mm / inch]								
Mounting height A		2200	2500	3000	3500	4000		
		7'2 5/8"	8'2 7/16"	9'10 1/8"	11'5 13/16"	13'1 1/2"		
Depth	В	390	440	530	620	710		
· ·		1'1 3/8"	1'5 5/16"	1'8 7/8"	2' 7/16"	2' 3 15/16"		
	С	770	860	1030	1200	1380		
		2'6 5/16"	2'9 7/8"	3'4 9/16"	3'11 1/4"	4'6 5/16"		
	D	960	1090	1310	1530	1750		
		3'1 13/16"	3'6 15/16"	4'3 9/16"	5' 1/4"	5'8 7/8"		
Width	E	2200	2520	3030	3540	4040		
		7'2 5/8"	8'3 3/16"	9'11 5/16"	11'7 3/8"	13'3 1/6"		
	F	1780	2030	2440	2850	3250		
		5'10 1/16"	6'7 15/16"	8' 1/16"	9'4 3/16"	10'7 15/16"		
	G	1320	1500	1800	2100	2400		
		4'3 15/16"	4'11 1/16"	5'10 7/8"	6'10 11/6"	7' 10 1/8"		
Distance	Z	160	100	60	10	-20		
to the door		6 5/16"	3 15/16"	2 3/8"	3/8"	-13/6"		
The actual Detection Area may become smaller depending on the ambiance light and the colour/material of person or object and the floor as well as the entry speed of object.								

supply the power to the sensor.

indications on top of each other.

Click the cover on the senser while placing the blue dot

blue dot indications

TROUBLESHOOTING

3. Do not wash the sensor with water

cleaner or solvent.) Never paint the detection window

Trouble		Possible Cause	Solution		
Does not operate	Power supply is not adequate.		Adjust to the stated voltage.		
	Connection failure.		Check the wiring and connector.		
Does not operate	Dirty detection window	r	Wipe the detection window lightly with a piece of cloth dampened by neutral		
consistently			detergent and wipe again with a piece of cloth dampened by water.		
	Sensitivity is insufficier	nt.	Set Dipswitch 1 (sensitivity) to "H."		
Operates by itself	Sensitivity is too high.		Set Dipswitch 1 to "L".		
(Ghosting)	The detection area over	erlaps with that of another sensor.	Set the different frequency for each sensor.		
	The 1st Row spots over	erlaps with the door.	Adjust the detection area away from the door.		
	Existences of the smol	ke or exhaust emissionin the detection area	Remedy the installation site conditions.		
	Wet floor conditions in	the detection area.			
	Vibration of the sensor	mounting surface.			
	Swaying objects or a h	eating radiator in the detection area.			
	Highly reflecting floor of	or the presence of highly reflecting objects i	n		
	the detection area or n	earby.			
Door stays open	Presence detection is	active due to a change in the detection are	Set Presence Timer again.		
			⇒Follow 2 Setting The Switches, 2) Pr	esence Detection Timer.	
			If the problem still persists, hard-reset th	e sensor. (Turn the power OFF and	
			ON again).		
ontact your installer or the service ngineer if the trouble still persists after necking and remedying as described bove.		FAX.: +81 (0)77-579-7030 WEBSITE : www.optex.co.jp	Optex Technologies, Inc. 3882 Del Amo Blvd., Suite 604 Torrance, California 90503 USA TEL.: +1(310) 214-8645 FAX: +1(310) 214-8655 TOLLI-FREE : +1(800) 877-6656 WEBSITE: www.optexentrances.com	Secumatic b.v. Tiber 2. 2491, DH The Hague P.O. Box 24009 2490 AA The Hague The Netherlands TEL: +31 (0)70 419 41 00 FAX: +31 (0)70 317 73 21 E-MAIL: info@secumatic.nl WEBSITE: www.secumatic.nl	