Puertas & Portones Automaticos, S.A. de C.V.
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»SENSOR DE PRESENCIA TECNOLOGIA INFRARROJA 3 METROS 12/24V MARCA OPTEX MOD.OA-FUXION-LITE / OA-203C.

OPTEX OA-FLEX LITE

MANUAL DE INSTALACION

CÓDIGO	SKU	MODELO	DESCRIPCIÓN
OP-00001-00	OA-203C	OA-FUXION-LITE	SENSOR D/PRESENCIA TEC INFRAR 3M 12/24V

V08.25

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RESIDENCIAL COMERCIAL INDUSTRIAL
MEMBER IDA International Door Association

OA-FLEX LITE

5933620 SEP 2022

Manufacturer's statement

Read this operation manual carefully before use to ensure proper operation of this product.
Failure to read this operation manual may cause improper operation and may result in serious injury or death of a person.
The meanings of the symbols are as follows.

⚠ **WARNING**	Failure to follow the instructions that accompany this indication and improper handling may result in serious injury or death.
⚠ **CAUTION**	Failure to follow the instructions that accompany this indication and improper handling may result in injury and/or damage to property.
NOTE	Pay special attention to sections with this symbol.

NOTE

1. This product is a non-contact switch intended for header mount or wall mount for use on an automatic sliding door. Do not use for any other applications.
2. When setting the sensor's detection area, make sure that there is no traffic around the installation site.
3. Before turning the power ON, check the wiring to prevent damage or malfunction of equipment connected to the product.
4. Only use the product as specified in the operation manual provided.
5. Be sure to install and adjust the sensor in accordance with the local laws and standards of the country in which the product is installed.
6. Before leaving the installation site make sure that the product is operating properly and instruct the building owner/operator on proper operation of the door and the product.
7. The product settings can only be changed by an installer or service engineer.When changed, the changed settings and the date shall be registered in the maintenance logbook accompanying the door.

The following conditions are not suitable for sensor installation.

⚠ WARNING

Danger of electric shock

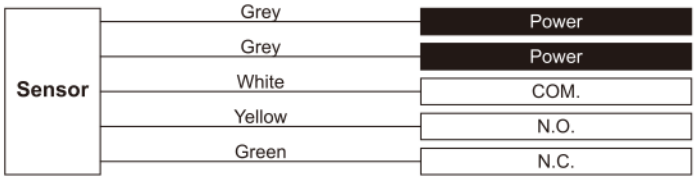
Do not wash, disassemble,rebuild or repair the sensor,otherwise it may cause electric shock or breakdown of the equipment.

Link to Web manual

EN Link to web manual
DE Link zum Online-Handbuch
NL Link naar online handleiding
FR Lien vers le manuel en ligne
IT Collegamento al manuale online
ES Enlace al manual en línea

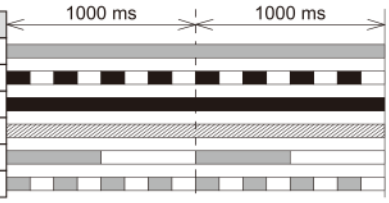
Quick Guide

Wiring



Operation indicator

Status	Operation indicator color
Stand-by	Green
1st row detection	Red blinking
2nd row detection	Red
3rd - 5th row detection	Orange
Signal saturation	Slow Green blinking
Sensitivity too low	Fast Green blinking



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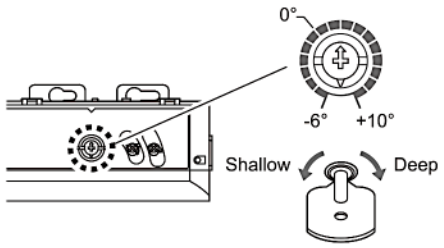
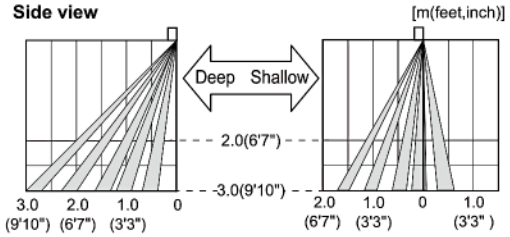
Area angle adjustment

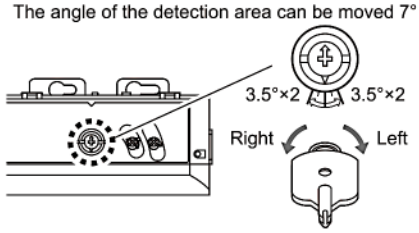
Area depth angle adjustment

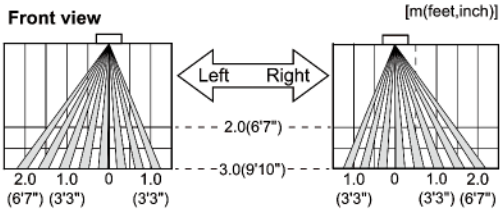




Area width angle adjustment

The angle of the detection area can be moved 7° either left or right in 2 steps.





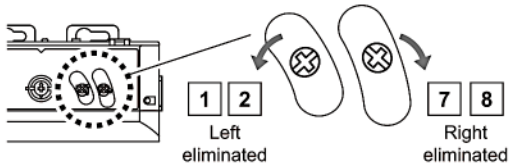
NOTE

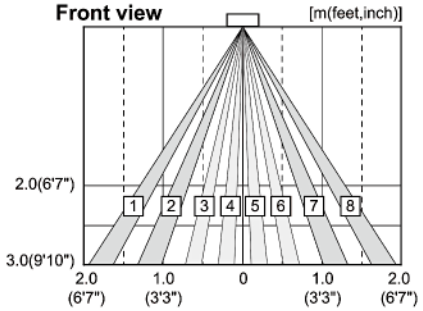
1. Make sure that the detection area does not overlap with the door/header, and there is no highly reflecting object near the detection area otherwise ghosting/signal saturation may occur.

2. When adjusting the depth angle < 0°, make sure the sensor does not detect the door.

Area width adjustment

Adjust the detection area width with the adjustment screws.





NOTE

When setting the detection area width, make sure to turn the adjustment screws until it clicks.
1 2 and 7 8 cannot be eliminated independently.

Dipswitch settings

Function	Setting (■ Factory default settings)	Comment
Sensitivity	■ Low (1 2) / Middle (1 2) / High (1 2) / S-High (1 2)	Set the sensitivity with dipswitches 1 and 2. Refer to below values for mounting height and sensitivity. Make sure to finalize the proper setting dependent on site condition. Low or Middle : 2.0m to 2.5m / High : 2.3m to 2.7m / S-High : 2.5m to 3.0m
Presence timer	2 s (3 4) / ■ 30 s (3 4) / 180 s (3 4) / ∞ (3 4)	(1) Select the presence time. (2) Turn the power OFF and ON again. Otherwise it may leave door open for the duration of the presence time set. (3) After making sure that the door closes, wait for 10 s before entering the detection area to set the presence timer.
Frequency	■ Setting 1 (5 6) / Setting 2 (5 6) / Setting 3 (5 6) / Setting 4 (5 6)	When using more than one sensor close to each other, set the frequency different for each sensor.
Snow mode	■ OFF (7) / ON (7)	Set this switch to "ON" if the sensor is used in a region with snow or a lot of insects.
Immunity	■ OFF (8) / ON (8)	Set this switch to "ON" when the sensor operates by itself (Ghosting). When this switch is set to "ON", the actual detection area may occur smaller.
Row adjustment	■ 5 rows (9 10 11) / 4 rows (9 10 11) / 3 rows (9 10 11) / 2 rows (9 10 11) / 1 row (9 10 11)	Set the depth rows with dipswitches 9, 10, 11. All other possible dipswitch settings will generate 5 rows active.
Presence detection active in all rows	■ OFF (12) / ON (12)	When this switch is set to "ON", presence detection is active in all rows.

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OPTEX Sensing Innovation

A·D·S AUTOMATIC DOOR SPECIALIST

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