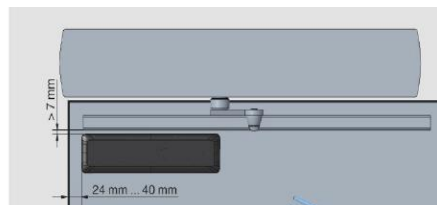
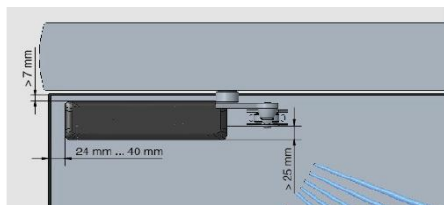


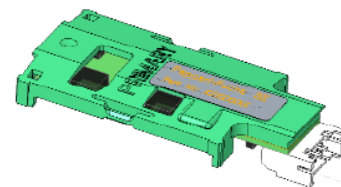
Step 1 – Positioning the Sensor – Tick “o” as you go

- Use the provided paper template and make the 3 fixing holes
- Mark the through door connecting cable position – shown as the hatched area
- Ensure sensor is a minimum of 24mm from the hinge
 - Objects that obstruct the field must not be mounted below the sensor



Step 2 – Setting the Primary Sensor

- Ensure the Primary Sensor is fitted with the Primary IO module
 - Cable side

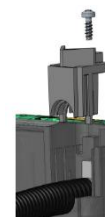
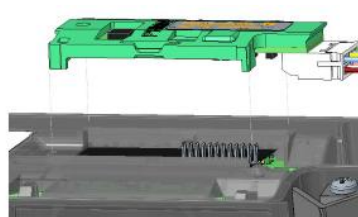


Step 3 – Mounting the Sensor

- Before fixing the Sensor to the door connect the short HS/HOS cable provided.



- Route the cable through the sensor and route excess cable on the back of the sensor
- Remove the stopping plug
- Mount the sensor to the door

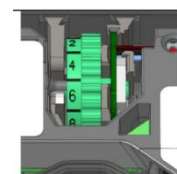


- Feed the second longer supplied cable through the supplied black corrugated conduit
- Connect the long cable through the bottom of the casing
- Disconnect the IO module, plug in the cable and reconnect the IO module
- Secure the conduit with the stopping plug and screw

Step 4 – Setting the Inclination Angle

- Adjust the dial according to the table

Mounting height (see datasheet)		Position of adjustment dial
[cm]	[inch]	
190–220	75–87	6 (factory setting)
250	98	4
300	118	3
350	138	2



Step 4 – Set dip switches on the primary sensor only

	On (up)	Off (down)
1	HS	HOS
2	SC version: NPN output SSR version: no function	SC version: PNP output SSR version: no function
3	Hinge edge on	Hinge edge off
4	Virtual-wall function activated	Virtual-wall function deactivated

- HS = hinge side, HOS= Hinge opposite side
- Negative or Positive switching
- if solid state relay option is not used

Step 5 – Connections for solid state relay

- Pin 1 = 0V Brown
- Pin 2 = 24 V Green
- Pin 6 = Common Yellow
- Pin 7 = N/C White
- Pin 9 = Test + Red
- Pin 10 = Test- Blue

Step 6 – Paring the sensor

- Close the door
- Ensure the detection area is clear & Lense is clean
- Turn on the power

Step 7 – Teaching the Sensor - *Door must have a min of 5 sec auto close*

1. Orange status LED ON Steady – press the teach in button once
Orange status LED OFF – press the teach in button twice
 - Red & Green LED flash alternatively
2. Exit the detection field
3. When **Green LED flashes**, within **10 seconds** run your hand & forearm down the leading edge of the door for a **distance of 60cm** - *Ensure your hand is 5cm off the door.*
 - **Red LED flashes** for 2 seconds to confirm – *watch carefully for Red LED*
 - When Status LED flashes **Green** -ready
4. Initiate door teach in by **triggering door**
 - While door is opening – Green LED flashes
5. Wait for **Red LED & trigger door** to close or min 5 sec auto close.
 - Status LED goes out after opening & closing - Successful Teach in
 - Orange LED flashes, one short one long – object impairment e.g. door hinge, handle
 - Orange LED flashes, eight times per sec – repeat teach in
 - If the secondary sensor is installed at a significantly larger or smaller distance from the hinge edge than the primary sensor, the leading edge of the secondary sensor must be taught in