



compatibility and low voltage EN 50090-2-2 / UNE-EN 61000-6-3:2007 / UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

Installation

General description

Radiofrequency presence detector for hidden installation.

The detector is capable of emitting a detection beam of greater intensity and of greater or less reach depending on the sensitivity which has been programmed using the Development System Software.

Their configurable parameters are: Adjustment, Smoothing, Saturation, Timer and Control Cycles.

The device can be programmed to detect intruders, or act on lighting on detecting presence, etc.

Capacity

Installed in the ceiling, in false ceilings or walls.

It can be mounted also behind walls or divisionary panels.

The orientation of the device should be longitudinal to the room, ie with the 'long' part of the device parallel to the 'length' of the room. This way, together with programming parameters in the SIDE, will ensure optimum detection.

The detection side must face the room, placing the silkscreened side of the device face down.

The only material it cannot penetrate is metal. To avoid the detector from detecting a certain area, put metallic tape on the side where you do not want it to detect.

The longitudinal detection beam has a 140° angle and the transversal beam is 70°.

The guaranteed detection area is 6 x 3m at 2.5m from the floor, being the maximum area 12 x 6m.

Technical information

Supply – 9-16 Vdc from BUS

Consumption – 100mA @ 12Vdc

Detection angle – 140° longitudinal – 70 transversal.

Detection area – min: 6 x 3 m. - máx: 12 x 6 m.

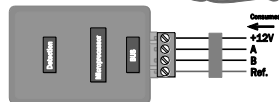
Size - 65 x 25 x 45mm.

Mounting – Over false ceiling or behind walls

Environment temperature range - Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C to 60°C.

Regulation - According to the directives of electromagnetic

SRBUS output wiring
Supply absorbed 100mA



Detection adjustments

The detector emits a detection beam of high intensity, being of greater or lesser scope depending on the sensitivity for which it has been programmed from the Development System.

Detection angles

The beam in the longitudinal direction of the device has an angle of 140° and in transversal, 70°.

Installation in a false ceiling

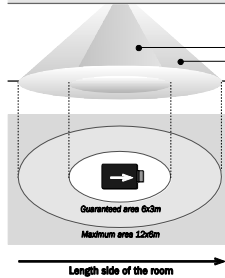


Detection area

The detection area must face the room, with the silk screened part of the device face-down.

Detection area at 2.5m from the floor:
Guaranteed: 6x3m
Maximum: 12x6m

The device can be partially blinded with metal tape to cancel detection in a zone/direction.
Floor



Direction of the device

Place lengthwise, with the length of the device parallel to the length of the room. Together with the programming, this will ensure optimal detection.

Do NOT install:

- In locations susceptible to vibrations.
- Over fluorescent lights.

Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use shielded flexible BUS cable 2 wires x 0,5mm²+ 2 wires x 0,22mm²

Follow a colour code for the BUS. Our ref: Red +12, Yellow: A, Green: B, Black: Ref.

-Avoid installing the sensor close to fluorescent lighting.

QR-Code

