



Basic IR detector

675 12

Description

These devices are a simplified version of sensors 675 02, and have a non-modifiable threshold (6 metres).

In this case too, the passive infrared detector is a volumetric device, sensitive to the movement of warm bodies. The volume of the protected area is divided into 14 beams over three levels. The sensor features two possible operation modes: instant operation or operation based on pulse-counting, to reduce the likelihood of false alarms. It is available in the modular lens version, for installation in the upper part of rooms (at a height ranging between 1.2 and 2 m): properly adjust the lens position depending on the characteristics of the room/area to be protected.

The tripping threshold of these devices can be modified, and pre-alarm functions can be generated when the system is disabled.

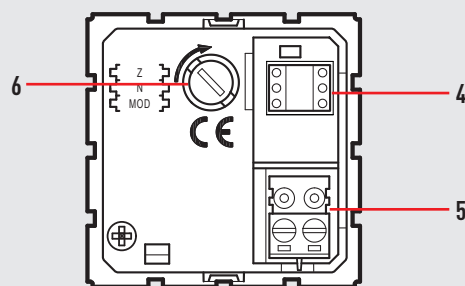
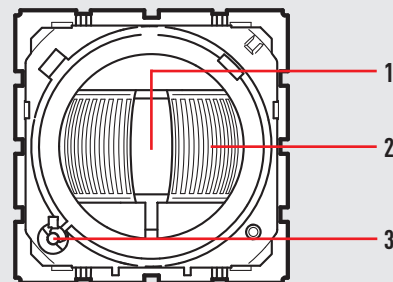
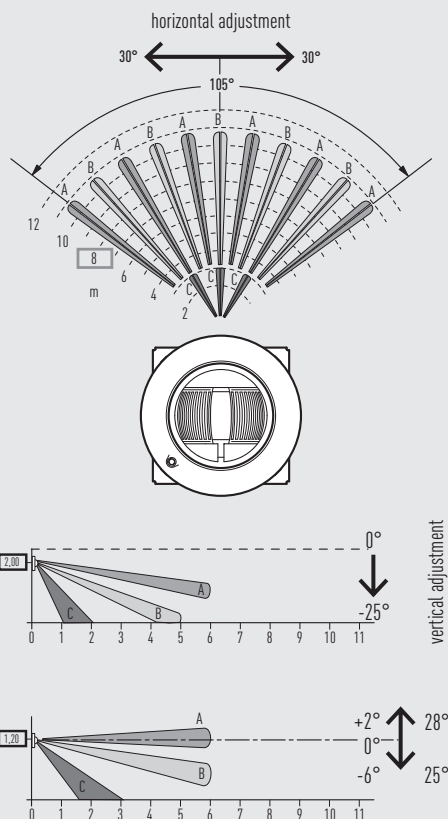
Related articles

681 83 (White Cover)
684 83 (Titanium Cover)

Technical data

Power supply from SCS BUS: 18 – 27 Vdc
Max. absorption: 4,5 mA
Operating temperature: 5 – 40 °C

Covering area:



Legend

1. Fresnel lens
2. Eyelid for covering reduction
3. Alarm indication LED
4. Configurator housing
5. BUS connector
6. Housing for anti-tamper device

Dimensional data

Size: 2 flush-mounting modules

Configuration

Z

This configurator assigns the number of the appropriate zone to the detector.
Configurator 1 assigns zone 1 to the detector, configurator 2 assigns zone 2 and so on to a maximum of 8 zones.

N°

This configurator assigns the progressive number of the detector inside the appropriate zone.
Configurator 1 identifies the first detector, configurator 2 identifies the second and so on to a maximum of 9 detectors (IR detectors and contact interface) for each of the 8 zones.

MOD

This configurator sets the detector detection mode.
It can be used, for example, when the device faces a potential source of disturbance (window or radiator) and cannot be installed differently.

Configurator	Mode
0	1 pulse
1	pulse counter (*)
2	1 pulse with delay
3	pulse counter with delay

(*) the detector generates an alarm signal based on the detection performed during a period of 30 seconds.

NOTE: Use the pulse counter function to avoid false alarms caused by thermal variations (radiators etc.).