

# Sensors



e-Sensor Noiseless  
e-Detector Noiseless

Motion sensors for noiseless ambients



DP.801110-000

## Motion detection for room occupancy control

**e-Sensor Noiseless** and **e-Detector Noiseless** are two devices designed to detect persons in motion and used to switch off the climate and lighting systems to save energy when zones become unoccupied. The products are intended to be installed in zones like hotel rooms and offices, where it wants to avoid any mechanical noise of other conventional sensors, providing a high level of comfort for the guest.

Through an output signal of transistor type, the device offers a noiseless contact that closes the circuit any time the device detects motion, generating a short pulse to the control system that manages the climate and lighting of the zone. A potentiometer to adjust the motion sensitivity to any environment is included on the devices and allows installing the device in any place.

**e-Sensor Noiseless** is a flush wall mounting motion sensor with different finishing colors and **e-Detector Noiseless** is a ceiling mounting device for flush or surface mounting. Both models are available for operating voltages of 12-24Vac/Vdc and for mains electrical network at 95-250Vac.

Noiseless output transistor type

High detection sensitivity

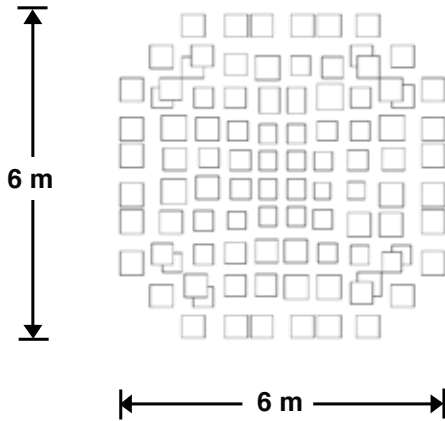
Detection area 36m<sup>2</sup>

Adjustable detection sensitivity

Wall or ceiling mounting

# DATASHEET

## Detection diagram



## Coverage area

Altura Height (m)	Diámetro Diameter (m)	Area Area (m <sup>2</sup> )
2,5	6	28
3,0	6,8	37
5,0	11	104
7,0	16	204
10,0	23	416

(\*) At optimal sensitivity conditions

## Features

- Supply Voltage:
  - Noiseless: 12-24Vac/Vdc
  - Noiseless Mains: 95-250Vac, 50/60Hz
- Detection area 6x6 m (ceiling model installed at 3 m high)
- Max. detection distance 8 meters
- Adjustable detection sensitivity
- Motion output:
  - Optotransistor type
  - Maximum voltage: +60V
  - Maximum current: 15mA
  - Activation time: Pulse fixed at 5 s.
- e-Sensor:
  - Wall flush mounting
  - Dimensions: 87x79x32 mm
  - Weight: 90 g
- e-Detector:
  - Ceiling mounting (flush or with surface enclosure)
  - Dimensions: 80x50 mm (DxH)
  - Weight: 70 g

## Ordering numbers

### DP.801110-00X

#### e-Sensor Noiseless

Motion sensor for wall mounting, 12-24Vac/Vdc  
X=0: White finished, X=1: Aluminum finished

### DP.501110-00X

#### e-Sensor Noiseless Mains

Motion sensor for wall mounting, 95-250Vac, 50/60Hz  
X=0: White finished, X=1: Aluminum finished



### DP.801110-010

#### e-Detector Noiseless

Motion sensor for ceiling mounting, 12-24Vac/Vdc

### DP.501110-010

#### e-Detector Noiseless Mains

Motion sensor for ceiling mounting, 95-250Vac, 50/60Hz



### AC.000001-000

#### Surface mouting enclosure



## e-Sensor Noiseless

## e-Detector Noiseless

