



## vexen PS-360-07-1AWi Sensa Presence Detector Surface Mounted Instruction Manual

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**vexen PS-360-07-1AWi Sensa Presence Detector Surface Mounted**



## Product Information

- **Product Code:** IRSP-11
- **Product ID:** 1160979

## Product Usage Instructions

**Safety Instructions:****WARNING:** Life-threatening danger from electric shock! Should only be installed by a professional electrician!

Follow these instructions to ensure proper and safe functioning of this device.

### Intended Use:

This device is intended for use in various settings such as offices, conference rooms, stairwells, entrances to buildings, foyers, hallways, corridors, and cellars.

### Installation and Assembly:

Before installation, disconnect the power and secure against accidental reconnection. Refer to Figure 4 for installation procedure.

**Adjusting and Setting:****Detection Range (METER):** Use the METER knob to adjust the range of the presence detector.

- **Light Level (LUX):** Use the LUX knob to set the level of ambient light.
- **On Time (TIME):** Use the TIME knob to set the length of time after which the lighting device turns off after motion is detected.

### Saving Light Level (Mode):

To save a desired light level (10 – 2000 Lux), follow these steps:

1. Set the LUX knob to the position indicated in Figure 6.
2. Hold the LUX knob for approximately 3 seconds and then rotate it to a different position, such as “100”.
3. The connected lighting device will turn off.
4. The light level saving process takes approximately 25 seconds.
5. After a successful learning process, the lighting device and LED indicator will turn off (if the lighting device was initially turned on).

*Optional not included!*

## Operating instructions

### Safety instructions

**WARNING:** Life-threatening danger from electric shock! Should only be installed by a professional electrician!

- To avoid injury, the device should only be connected and installed by a professional electrician.
- Before installing the product, turn off the main power supply.
- Before installing the device, install a circuit breaker (250 V AC, 10 A) type C as specified by EN 60898-1.
- When some types of lamps burn out, it can cause the switch-on current to be high which can permanently damage the unit.
- Follow national regulations and safety instructions.
- All warranties and conditions expire if the device is altered or manipulated in any way.

Follow these instructions to ensure proper and safe functioning of this device.

## Information about the device

### Description

The presence detector uses passive infrared sensors (PIR sensor). It regulates the connected loads according to whether persons are present (movement detection) and according to the ambient brightness. The built-in light sensor continuously measures the strength of daylight and the system compares this against the set lux value.

- The light remains switched on for as long as movement and insufficient daylight are detected.
- After the last movement is detected, the lighting remains switched on for the set run-on time.
- The lighting switches off automatically as soon as sufficient ambient brightness is reached, even if movement is detected during this time. Intended use
- Suitable for automatic lighting control with presence detection. The presence detector can be used inside buildings such as offices, conference rooms, stairwells, entrances to buildings, foyers, hallways, corridors and cellars
- The unit can be mounted on ceiling.

### Technical data

- Dimensions (mm) Ø 115 x 45
- Supply voltage 210-250V 50/60HZ
- Switching capacity
  - Incandescent lamp load max. 2000 W
  - Halogen lamp load (AC) max. 1000 W
  - Halogen lamp load (LV) max. 1000 VA / 600 W (conventional) max. 1000 VA / 900 W (electronic)
  - Fluorescent lamp load max. 900 VA / 100 µF
    - 25 x (1 x 18 W); 12 x (2 x 18 W);
    - 15 x (1 x 36 W); 7 x (2 x 36 W);
    - 10 x (1 x 58 W); 5 x (2 x 58 W)
  - LED lamp max. 400 W
  - Energy-saving lamp max. 600 VA / 400 W (incl. CFL and PL lamp)
  - Energy consumption < 1 W (in standby mode)
  - Detection angle 360°
  - Detection range approx. 7 m at an installation height of 2.5 m
  - Time setting approx. 5 sec. to 30 min.; 1s Test
  - Light level approx. 10 – ☀ ∞ Lux; 👁 = “teach”
  - Ambient temperature 0°C ... + 45°C
  - Protection class II
  - Protection type IP44











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