

Technical data



Input

Supply voltage 230 V AC $\pm 10\%$ 50 Hz
Alternative voltage 24 V AC / DC $\pm 10\%$
Power consumption 230V AC / 24V 1W/0,5VA

Output

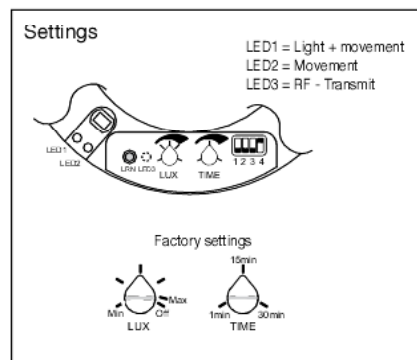
RF system transmitter EnOcean STM100

Performance

Lux range 10...1000 Lux
Lux range off LUX is turned towards max to position off, no daylight blocking.
Hysteresis $> +10\%$
Time delay 1...30 minutes, with daylight blocking
10 sec....30 minutes, no daylight blocking
Transmitter frequency 868MHz
Transmitter output $< 10\text{mW}$
Transmitter rate of recurrence On standby once per approx. 100 sec. Immediately when PIR activation timer set
RF - range 100 meters in open space/free line of vision, approx. 30 meters in buildings
Sensitivity Option
Activation indicator on/off Option
Test modes Option
Protection class IP 20
Cable bush 2 x $\text{Ø}12\text{ mm}$
Ambient temperature $-5^{\circ}\text{C}...+50^{\circ}\text{C}$

Approvals

CE according to EN 60669-2-1



Movement sensor PIR 360° Wireless 230 V ac and 24 V AC/DC for indoor lighting control

- Wireless technology (EnOcean RF transmitter)
- Light sensor:
 1. Priority: Daylight
 2. Priority: Movement
- Automatically on/off
- 360° detection angle
- 140 m² detection range
- 9 m² detection range for "small movements"

The model 41-301 PIR Sensor is a movement sensor based on wireless technology that sends an RF telegram to a receiver module, which switches the light on and off.

Function

The integrated light sensor measures the light level in the area continuously, and compares it with the preset value specified via the LUX setting button. If the light level falls below the preset value and the movement sensor detects activity in the coverage area, the light is switched on.

The integrated cut-out delay of 1-30 minutes (adjustable) makes sure that the RF switch-on telegrams are sent continuously (approx. once a minute) to the receiver, until the sensor does not register activity or the selected light level is reached.

If you press the LRN button, an RF status telegram will immediately be sent to the receiver. A simple and easy connection.