Ultra flat ultrasonic motion and presence sensor, 360°, IP20, 2000W, depth - 2.5cm

Marka: **Orno** | Symbol: **OR-CR-298/W** | Ean: **5908254852213**

5 YEARS WARRANTY



PRODUCT DESCRIPTION

The sensor reacts to movement and presence in the room and turns on the light when a motion is detected. Thanks to ultrasonic technology, it detects even the slightest actions – from hand movements and head turns to calm breathing. You can be sure that the light will always be on when someone is in the room and off when the room is empty. This means convenience and energy savings.

Once you have installed the sensor (ceiling mounting), the device will scan the entire surroundings and nothing

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will escape its attention: the detection field diameter is 2–6 m, which corresponds to a detection field of 28 m at maximum range. This ensures that the sensor reliably reacts to presence in the monitored area. You can therefore use it in your office, living room or hallway.

You decide when and under what conditions the sensor should activate the light. You can adjust the light intensity within a range of <3 to 2000 lx. You can connect traditional light sources with a power of up to 2000 W or energy-saving LEDs with a total power of 1000 W. This allows you to easily integrate them with the lighting in your home or office.

The sensor has been designed for easy installation with the help of a screw clamp. A durable polycarbonate housing ensures strength and resistance to mechanical damage. The ultra-flat design, with a depth of just 25 mm, makes the device almost invisible when mounted and blends in with its surroundings.

Other features:

low energy consumption (0.5 W in standby mode),

switch-on time adjustable from 10 seconds to 12 minutes,

operates in a wide temperature range within -20°C to +50°C.

TECHNICAL DATA

General information:

Model:	Czujnik obecności
Sensor type:	Ultradźwięki
Scan angle [°]:	360
Optimum mounting height [m]:	2-4
Max. presence range [m]:	28
Max. reach frontally [m]:	3
Diameter reach of presence sensor on floor [m]:	2-6
Diameter reach on floor [m]:	2-6
Working frequency:	24
Response value sensitivity adjustable:	Tak
Response value luminosity adjustable:	Tak

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Light intensity adjustment range [lux]:	<3-2000
Mounting method:	Montaż natynkowy
Suitable for ceiling mounting:	Tak
Suitable for wall mounting:	Nie
Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne
Material quality:	Tworzywo termoplastyczne
Colour:	Biały
Degree of protection:	IP20
Voltage type:	AC
Frequency [Hz]:	50
Nominal voltage [V]:	230
Min. switch-on time [s]:	10
Max. duty cycle [min]:	12
Detection angle horizontal [°]:	360
Max. switching power [W]:	2000
Max. switching power LED [W]:	1000
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-70
Working humidity:	<93%
Real presence sensor:	Tak
Depth [mm]:	22
Diameter [mm]:	115
Weight [g]:	104

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