

Ceiling mounted PIR motion sensor 360°, IP20, 800W, mini

Marka: Orno | Symbol: OR-CR-296/W | Ean: 5908254851698

ORNO**5 YEARS**
WARRANTY

PRODUCT DESCRIPTION

The PIR motion sensor for suspended ceilings with a detection angle of 360° is a functional device for indoor use. The two built-in sensors increase the precision of motion detection, offering a maximum range of up to 8m. The unit uses passive infrared technology (PIR), responding to movement in its field of view.

The sensor features a 360° scanning angle, fully covering the monitored area. The device detects movement at a speed of 0.6 to 1.5 m/s and allows the light intensity to be adjusted in the range within <3-2000 lux,

therefore it adapts to the prevailing lighting conditions.

The maximum switching power is 800W and allows to connect various lighting units, including LEDs of 400W. The sensor operates at a rated voltage of 230V AC and a frequency of 50Hz. Its low power consumption of just 0.5W makes it an energy-efficient solution.

The sensor is designed for suspended ceilings with an optimal installation height of 2.2-4 m. The high-quality plastic housing guarantees durability in everyday use. Intended for use in dry rooms (IP20).

The device is equipped with adjustable switching time between 10s-15min. The sensor operates in a wide temperature range within -20°C to +40°C.

The sensor's white housing is not only aesthetic and modern, but it also blends in perfectly with almost any environment. Its compact dimensions (Ø 50 mm and an installation depth of 55 mm) make the sensor easy to install.

The device covers a 5-year warranty.

TECHNICAL DATA

General information:

Model:	Czujnik ruchu
Sensor type:	Podczerwień pasywna
Scan angle [°]:	360
Optimum mounting height [m]:	2,2-4
Max. reach sideways [m]:	4
Max. reach frontally [m]:	4
Diameter reach on floor [m]:	8
Detection moving speed [m/s]:	0,6 - 1,5
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lx]:	<3-2000
Mounting method:	Montaż podtynkowy
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]:	15
Detection angle horizontal [°]:	360
Max. switching power [W]:	800
Max. switching power LED [W]:	400
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Height [mm]:	7
Diameter [mm]:	50
Built-in depth [mm]:	55
Built-in diameter [mm]:	40
Min. depth of built-in installation box [mm]:	65