

PIR presence sensor 360° with 3 detectors, IP44, 2000W, white

Marka: Orno | Symbol: OR-CR-271/W | Ean: 5908254846625

ORNO


PRODUCT DESCRIPTION

The motion sensor with a detection angle of 360° is a functional device for indoor monitoring of movement and presence. The three built-in sensors increase the precision of motion detection, offering a maximum reach of up to 20 m (10 m frontally). The device uses passive infrared technology (PIR), responding to movement in its field of view.

The sensor features a wide 360° scanning angle, fully covering the monitored area. The device allows the light

intensity to be adjusted in the range within <3-2000 lux, therefore it adapts to the prevailing lighting conditions.

The device allows to connect classic light sources with a power of 2000W, or LED lights with a total power of up to 500W. The sensor operates at a rated voltage of 230V AC and a frequency of 50Hz, and its low power consumption of just 0.5W makes it an energy-efficient solution.

The sensor is suitable for ceiling flush- and surface-mounting. An additional mounting base allows even greater flexibility in the choice of installation location. The body, made of durable polycarbonate, ensures durability in everyday use. The sensor has IP44 rate which means that it is dust and moisture resistant.

The device features a relay output and an adjustable switching time between 10s-30min. The sensor operates in a wide temperature range from -20°C to +40°C.

The sensor's white housing not only makes it look aesthetic and elegant, but also makes it fit perfectly into almost any environment. Thanks to its compact dimensions (Ø111mm) the sensor is discreet and suitable for installation in many locations. When flush-mounted, its installation depth is 30 mm and its installation diameter is 51 mm.

The device covers a 3-year warranty.

The product is available also in black.

TECHNICAL DATA

General information:

Model:	Czujnik obecności
Sensor type:	Podczerwień pasywna
Scan angle [°]:	360
Optimum mounting height [m]:	2,2 - 6
Max. reach frontally [m]:	10
Diameter reach on floor [m]:	20
Detection moving speed [m/s]:	0,6 - 1,5
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lux]:	<3-2000
Mounting method:	Montaż podtynkowy/natynkowy



Suitable for ceiling mounting:	Tak
Suitable for wall mounting:	Tak
Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne
Material quality:	Tworzywo termoplastyczne
Colour:	Biały
Degree of protection:	IP44
Voltage type:	AC
Frequency [Hz]:	50
Nominal voltage [V]:	230
Min. switch-on time [s]:	10
Max. duty cycle [min]:	30
Detection angle horizontal [°]:	360
Max. switching power [W]:	2000
Max. switching power LED [W]:	500
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Depth [mm]:	74
Diameter [mm]:	111
Weight [g]:	186
Built-in depth [mm]:	30
Built-in diameter [mm]:	51