

Motion and presence sensor, IP65, 1200W, max range 24m, 360°, black

Marka: Orno | Symbol: OR-CR-272/B | Ean: 5908254846595



PRODUCT DESCRIPTION

The motion sensor with a detection angle of 360° is an advanced device for movement monitoring, perfect for outdoor and indoor use. 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 four built-in sensors increase the precision of motion detection, thanks to which the sensor offers a maximum detection reach of

up to 24 m (12 m frontally). The device detects movement at a speed of 0.6 to 1.5 m/s and allows light intensity to be adjusted in the range from <0,1 up to 2000 lux. This allows the sensor to adapt to the prevailing lighting conditions.

Thanks to the wide adjustment of vertical angle (-45° to $+90^{\circ}$), the device allows to connect classic light sources with a power of 1200W, or LED lights with a total power of up to 600W. The sensor operates at a nominal 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 surface mounting, both on the ceiling and on the wall, with an optimum installation height of 1.8-2.5 m. The body, made of durable polycarbonate, ensures durability in everyday use and the IP65 rate guarantees effective operation in harsh outdoor conditions, including high protection against dust and water.

The device features a relay output and an adjustable switching time between 10s-15min. The sensor operates in a wide temperature range from -20°C to $+40^{\circ}\text{C}$.

The sensor's black housing not only makes it look aesthetic and elegant, but also makes it fit perfectly into almost any environment. Thanks to its compact dimensions (83x85x123 mm) the sensor is discreet and suitable for installation in many locations.

The device covers a 3-year warranty.

The product is available also in white.

TECHNICAL DATA

General information:

Model:	Czujnik obecności
Sensor type:	Podczerwień pasywna
Scan angle [°]:	360
Optimum mounting height [m]:	1,8 - 2,5
Max. reach frontally [m]:	12
Diameter reach on floor [m]:	24
Detection moving speed [m/s]:	0,6 - 1,5
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lux]:	<0,1-2000

Mounting method:	Montaż natynkowy
Suitable for ceiling mounting:	Tak
Suitable for wall mounting:	Tak
Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne
Material quality:	Tworzywo termoplastyczne
Colour:	Czarny
Degree of protection:	IP65
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
Pivoting range sensor, vertical [°]:	-45 - +90
Max. switching power [W]:	1200
Max. switching power LED [W]:	600
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Width [mm]:	83
Height [mm]:	85
Depth [mm]:	123
Weight [g]:	174