Ultra flat PIR motion sensor 360°, IP20, 2000W, 2,5cm depth, black

Marka: **Orno** | Symbol: **OR-CR-241/B** | Ean: **5908254846946**

5 YEARS WARRANTY



PRODUCT DESCRIPTION

The ultra flat motion sensor with a detection angle of 360° is an advanced device for monitoring presence, perfect for both 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 built-in sensor increases the precision of motion detection, thanks to which the device achieves the maximum reach of up to

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3 m frontally. It allows light intensity to be regulated in the range of <3-2000 lux, therefore facilitating to adjust the sensor's operation to the prevailing lighting conditions.

The maximum switching power is 2000W and the LED power is up to 500W. The sensor operates at a nominal voltage of 230V AC and a frequency of 50Hz. Its low energy consumption of just 0.5W makes it an energy-efficient solution

The sensor is suitable for surface mounting on the ceiling with optimal installation height of 2-2,4 m. The body, made of durable polycarbonate, provides resistance to external factors, and the IP20 protection rate allows installation in dry rooms not exposed to moisture.

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°C.

The black lens of the device emphasises its elegant and minimalistic design. It perfectly blends with the black housing, thanks to which the sensor is not only functional but aesthetic as well. It has been designed to successfully resemble a CCTV camera. The depth at the wall is only 22m, therefore the sensor is unobtrusive and may be installed in many locations. The diameter is 115mm.

The device covers a 3-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]:	3
Max. reach frontally [m]:	3
Diameter reach on floor [m]:	6
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lx]:	<3-2000
Mounting method:	Montaż natynkowy
Suitable for ceiling mounting:	Tak

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Suitable for wall mounting:	Nie
Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne
Material quality:	Tworzywo termoplastyczne
Colour:	Czarny
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]:	2000
Max. switching power LED [W]:	500
Power consumption [W]:	0,5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Depth [mm]:	22
Diameter [mm]:	115
Weight [g]:	105

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