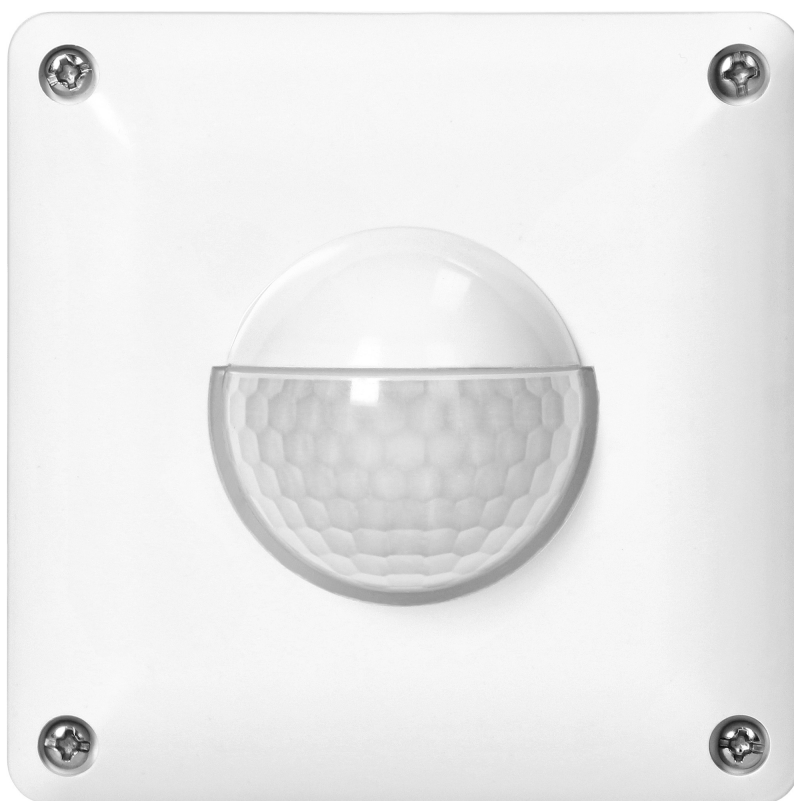


PIR motion sensor 160°, 2 or 3 wires, IP65, 500W, max range 20m, white

Marka: Orno | Symbol: OR-CR-270/W | Ean: 5908254846649

ORNO


PRODUCT DESCRIPTION

The motion sensor with a detection angle of 190° is a modern device which is perfect for a variety of applications, both indoor and outdoor. It offers a maximum reach of up to 10 m frontally. The device uses passive infrared technology (PIR), responding to movement in its field of view.

The sensor features a wide 190° 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 maximum switching power allows to connect classic light sources with a power of 200W or LEDs with a total power of up to 5-65W. The sensor operates at a nominal voltage of 230V AC and a frequency of 50Hz, and its low energy consumption of just 0.5W makes it an energy-efficient solution.

The sensor is designed for flush mounting on a wall in a two- or three-wire system, ensuring an aesthetic appearance. The high-quality polycarbonate housing guarantees durability and resistance to mechanical damage and weather conditions. Thanks to the IP65 rate the device is fully resistant to dust and water, which allows it to be safely used outdoors, regardless of weather conditions.

The device features a relay output and an adjustable switching time between 10s-7min. The sensor operates over a wide temperature range from -20°C to +40°C.

The white housing not only makes it look aesthetic but also makes it perfectly blend with almost any environment. Its compact dimensions (86x86x63 mm) and the minimum installation depth of 25mm facilitate installation even in harder-to-reach places.

The installation diameter is 60 mm.

The device is covered by a 3-year warranty.

TECHNICAL DATA

General information:

Model:	Czujnik ruchu
Sensor type:	Podczerwień pasywna
Scan angle [°]:	190
Optimum mounting height [m]:	1 - 1,8
Max. reach frontally [m]:	10
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
Suitable for ceiling mounting:	Nie
Suitable for wall mounting:	Tak

Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne
Material quality:	Tworzywo termoplastyczne
Colour:	Biały
Degree of protection:	IP65
Voltage type:	AC
Frequency [Hz]:	50
Nominal voltage [V]:	230
Min. switch-on time [s]:	10
Max. duty cycle [min]:	7
Detection angle horizontal [°]:	190
Max. switching power [W]:	250
Max. switching power LED [W]:	5-65
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Width [mm]:	86
Height [mm]:	86
Depth [mm]:	63
Weight [g]:	130
Built-in diameter [mm]:	60
Min. depth of built-in installation box [mm]:	25