

Microwave motion sensor, 360° IP20, 1200W

Marka: Orno | Symbol: OR-CR-278 | Ean: 5908254846670

ORNO

5 YEARS

WARRANTY



PRODUCT DESCRIPTION

The microwave motion sensor is an advanced device combining functionality and versatility. This model, equipped with a high-frequency sensor, features a wide 360° scanning angle fully covering the monitored area.

The device operates at 5.8 GHz and detects movement at speeds between 0.6 and 1.5 m/s. The sensor is equipped with a light intensity adjustment of <3-2000 lux in order to adapt the sensor operation to the

prevailing lighting conditions. The adjustment allows to change the motion detection distance. The device also allows the switching time to be adjusted from 10s-12min.

The maximum switching power is 1200W allowing to connect various lighting or LED devices with a total power of 300W. The sensor operates at a nominal voltage of 230V AC and a frequency of 50Hz. Its low energy consumption of just 0.9W makes it an energy-efficient solution. The sensor operates in a wide temperature range from -20°C to +50°C.

High-quality polycarbonate housing ensures durability and resistance to mechanical damage. The sensor is designed for indoor use (IP20).

The sensor is intended for installation in lighting fixtures, plastic housings, above suspended ceilings, behind lightweight partition walls. Its dimensions measure 47x78x44 mm. The optimum installation height is between 1.5 and 2.5 m and the detection range is 1-8 m straight ahead. The sensor's white housing perfectly blends with almost any environment.

TECHNICAL DATA

General information:

Model:	Czujnik ruchu
Sensor type:	Ultradźwięki
Scan angle [°]:	360°
Optimum mounting height [m]:	1,5-3,5
Max. reach sideways [m]:	8
Max. reach frontally [m]:	8
Diameter reach on floor [m]:	16
Working frequency:	5,8
Detection moving speed [m/s]:	0,6-1,5
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lx]:	<3-2000
Mounting method:	Montaż 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:	IP20
Voltage type:	AC
Frequency [Hz]:	50
Nominal voltage [V]:	230
Min. switch-on time [s]:	10
Max. duty cycle [min]:	12
Detection angle horizontal [°]:	360
Max. switching power [W]:	1200
Max. switching power LED [W]:	300
Power consumption [W]:	0.9
Relay output:	Tak
Temperature [°C]:	-20 - +50
Working humidity:	<93%
Width [mm]:	78
Height [mm]:	47
Depth [mm]:	44
Weight [g]:	70