

MINI microwave motion sensor with dimmer, dip-switch regulation, IP20, 1200W

ORNO

Marka: Orno | Symbol: OR-CR-269 | Ean: 5908254846656



PRODUCT DESCRIPTION

The mini microwave sensor with a dimmer as an advanced device that combines functionality and universality. This model, equipped with a high-frequency sensor, has a scanning angle of 360° and a horizontal detection angle of 180°, which ensures full coverage of 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 sensitivity and light intensity adjustment (2, 10, 50, 2000 lux) in order to adapt the sensor's

operation to the prevailing lighting conditions. The sensitivity adjustment allows to change the motion detection distance for the sensor to respond. A built-in dimming function allows the light intensity to be adjusted smoothly to the user's preference. The device also allows to adjust the switch-on time in the range between 5s-30min.

The maximum switching power is 1200W and allows to connect various lighting or LED devices with a total power of 600W. The sensor operates at a nominal voltage of 230V AC and a frequency of 50Hz, and its low energy consumption of just 0.9W makes it an energy-efficient solution. The sensor operates in a very wide temperature range from -20°C to +50°C.

The built-in adjustment with the help of dip-switches guarantees easy and quick regulation of sensor's parameters without the need to use additional tools. The unit is equipped with self-clamping connectors, which simplify the installation.

The high-quality housing made of polycarbonate ensures durability and resistance to mechanical damage, but due to the IP20 rate, the sensor is intended for indoor use in rooms that are not exposed to moisture.

The sensor is designed for flush mounting on the ceiling, ensuring an aesthetic appearance, and the compact dimensions (78x45x25 mm) allow for discreet installation. The optimum mounting height is between 2 and 8 metres, and the detection reach frontally is between 1 and 8 metres. The sensor's white housing perfectly blends with almost any surroundings.

The device is covered by a 3-year warranty.

TECHNICAL DATA

General information:

Model:	Czujnik ruchu
Sensor type:	Wysokiej częstotliwości
Scan angle [°]:	360
Optimum mounting height [m]:	2-8
Max. reach frontally [m]:	1 - 8
Working frequency:	5.8
Detection moving speed [m/s]:	0,6 - 1,5
Response value sensitivity adjustable:	Tak
Response value luminosity adjustable:	Tak

Light intensity adjustment range [lux]:	2, 10, 50, 2000
Dim function with dimmer basic element:	Tak
Mounting method:	Montaż podtynkowy
Suitable for ceiling mounting:	Tak
Suitable for wall mounting:	Nie
Connection type:	Wtyk samozaciskowy
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]:	5
Max. duty cycle [min]:	30
Detection angle horizontal [°]:	180
Max. switching power LED [W]:	600
Power consumption [W]:	0.9
Temperature [°C]:	-20 - +50
Working humidity:	<93%
Width [mm]:	78
Height [mm]:	45
Depth [mm]:	25
Weight [g]:	62