Motion sensor for installation box, 2-wire, 160°, IP20, 300W, black

Marka: **Orno** | Symbol: **OR-CR-261/B** | Ean: **5908254846960**



PRODUCT DESCRIPTION

The motion sensor with a detection angle of 160° is a modern device which is perfect for a variety of indoor applications. The unit has one sensor whose maximum reach is up to 9 m frontally. The device uses passive infrared (PIR) technology, responding to movement in its field of view.

The sensor features a wide 160° 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

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conditions.

The maximum switching power is 300W and the LED power is in the range of 5-75W. 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-wire system, ensuring an aesthetic appearance. The high-quality polycarbonate housing guarantees durability and resistance to mechanical damage. The IP20 rate allows to install the device in dry rooms.

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 black housing not only makes it look aesthetic but also makes it perfectly blend with almost any environment. Its compact dimensions (86x86x41 mm) and the minimum installation depth of 27mm facilitate installation even in harder-to-reach places.

The installation diameter is 60mm.

TECHNICAL DATA

General information:

Model:	Czujnik ruchu
Sensor type:	Podczerwień pasywna
Scan angle [°]:	160
Optimum mounting height [m]:	1-1,8
Diameter reach on floor [m]:	9
Detection moving speed [m/s]:	0,6-1,5
Response value luminosity adjustable:	Tak
Light intensity adjustment range [lx]:	<3-2000
Mounting method:	Montaż podtynkowy
Suitable for ceiling mounting:	Nie
Suitable for wall mounting:	Tak
Connection type:	Zacisk śrubowy
Material:	Tworzywo sztuczne

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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]:	7
Detection angle horizontal [°]:	160
Max. switching power [W]:	300
Max. switching power LED [W]:	5-75
Power consumption [W]:	0.5
Relay output:	Tak
Temperature [°C]:	-20 - +40
Working humidity:	<93%
Width [mm]:	86
Height [mm]:	86
Depth [mm]:	41
Weight [g]:	82
Built-in depth [mm]:	27
Built-in diameter [mm]:	57
Min. depth of built-in installation box [mm]:	32

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