

Code: MD-20A8

## CEILING MOTION SENSOR **MD-20A8** AC 230V

Passive Infra Red detector to ceiling mount. The detector is intended for automatic control of switching on of the lighting outside a building (or other electrical devices) after detection of motion nearby its installation site. The core of the device is the passive infrared sensor with the motion detection angle amounting to about 360 degrees. The motion is detected via measurement of the ambient temperature change within the set sensor's visibility sector, as a consequence of motion of the person who is present there.

When motion is detected by the PIR sensor, the lighting automatically turns on (or other electrical device controlled by the sensor) and stays on as long as the motion sensor detects the presence (movement) within the field of view. If no presence is detected within specific time (set by the user), the lighting (or other electrical device) is switched off automatically.

The sensor is additionally equipped with a special photo-optical sensor which, as an option, allows the energy to be saved without switching on the lighting e.g. during the day.



Sensor type:	Passive Infra Red (PIR)
Detection angle:	360 °
Range:	4 m @ 22 °C (manual adjustment)
Application:	For indoor use (flush mounting box)
Sensitivity adjustment:	3 ... 2000 Lux (manual adjustment)
Recommended installation height:	3 m (ceiling-mounted)
Alarm time:	8 s ... 7 minutes
Maximal outputs load:	1200 W (resistance load) 300 W (inductive load)
Pet immunity:	—
Power supply:	220 V
Power consumption:	0.1 W Standby
Power supply:	... 240 V AC
Power consumption:	0.45 W Motion Detection
Power supply:	@ 50Hz
Color:	White
Operation temp:	-10 ... 40 °C
Target speed range:	0.6 ... 1.5 m/s
Main features:	IP20



## DATA SHEET

Weight:	0.09 kg
Dimensions:	Ø 105 x 71.5 mm
Manufacturer / Brand:	EURA
Guarantee:	2 years