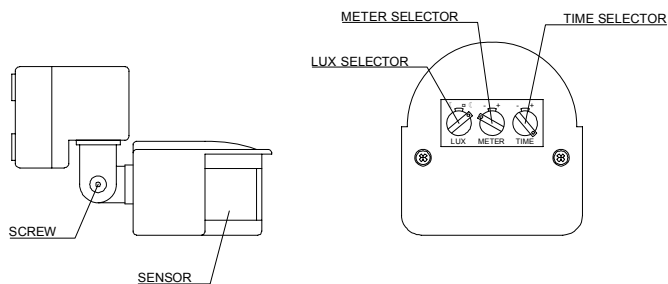


OPERATING INSTRUCTIONS



DESCRIPTION:

The proximity switch MOVIMAT captures the invisible infrared emissions coming from people and other heat sources without emitting any kind of radiation. When a heat source is moving before the proximity switch, its output circuit is activated; once it stops capturing any movement it is deactivated after a regulated delay time.

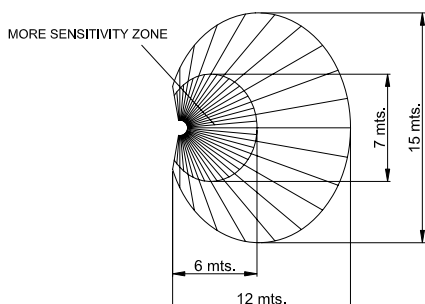
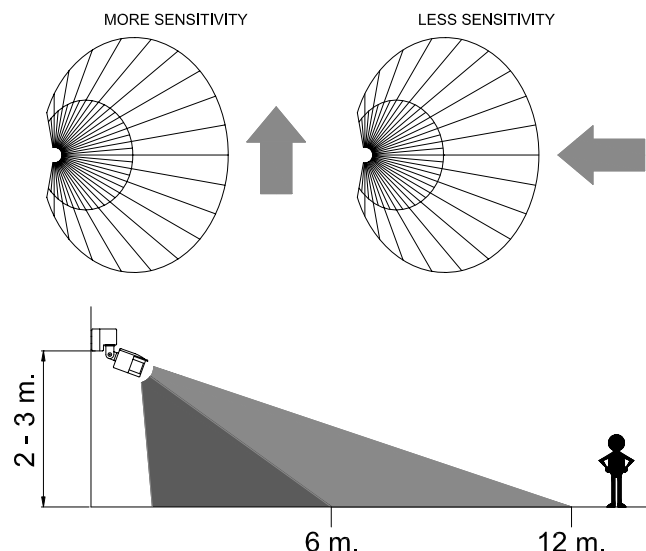
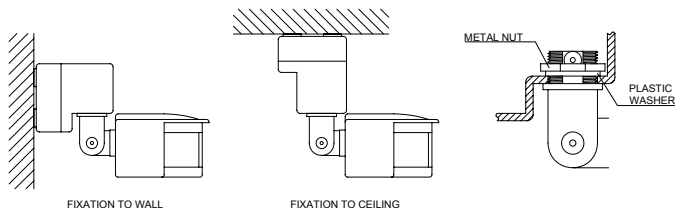
MOVIMAT reacts only when light conditions are below the selected level.

INSTALLATION:

WARNING: an authorised installer must do the installation and assembling of electronic devices.

The device is internally protected against interferences by a security circuit. Anyway some strong electromagnetic fields can alter its functioning, so it must not be installed near to inductive charges (motors, transformers, ...)

ASSEMBLING: on wall or ceiling avoiding highly reflecting surfaces in its area as liquids, or elements liable to sudden changes of temperature (heating, air conditioned) or light sources. Depending on the type of fixation one of the two semiperforations in the borne lid should be broken, and the sensor should be introduced and fixed with a nut and washer provided. The ideal highness of assembling it is between 2 and 3 meters and the movement direction of the heat source must be transversal to the MOVIMAT lens.



TURN ON:

Loose the screw of the articulation and move the sensor to cover the desired field. In the lower part of MOVIMAT there are the selectors "LUX", "METER" and "TIME".

To adjust the detection field you should follow these steps:

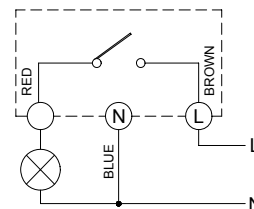
Turn "LUX" knob to (☀) and "TIME" knob to (-). (These knobs are already preset before the sensor leaves the factory.)

Check the covered area moving in the limits of the detection field. The limits of this field may be varied with the selector "METER". To exclude a sector of the field, cover the corresponding part of the lens with a weatherproof opaque adhesive tape.

The temperature of the room where the Movimat is installed has an influence on the detection. As more temperature less detection, as the Movimat measures changes of a hot source in front of it (usually 36°C, the temperature of the human body). If the temperature of the room is around 36°C, the detection could fail.

CONNECTION:

Connect it in accordance with the following scheme:



ADJUSTMENTS:

ADJUSTING LUMINOSITY

The proximity switch may be graduated in such a way that it only acts when the light conditions are below the selected level. Turning the selector "LUX" to the position (☀) it will react in any luminosity condition. Turning it to the position (☾), it will only react in low luminosity conditions.

ADJUSTING THE DELAY TIME OF DISCONNECTION

Turning the selector TIME to the position (+) the delay time of disconnection will be of approximately 10 minutes. Turning it to the position (-) the delay time will be of 6 seconds.

NOTE: The sensibility of the sensor may be reduced if the object temperature is close to the room temperature.

TECHNICAL CHARACTERISTICS:

Supply:	230 V. 50-60 Hz.
Breaking capacity:	5 A / 250 V~
Maximum charges recommended:	
Incandescent lamps	1000 W
Non compensated fluorescent	180 W
Compensated fluorescent	Not suitable
Low voltage halogen	250 VA
Halogen (230V ~)	500 W
Low consumption lamps	Not suitable
Own consumption:	11 VA (1 W. aprox.)
Luminosity level:	5-300-∞ Lux.
Temporisation level	De 6 seconds a 10 minutes aprox.
Angle of detection:	200°
Field of detection:	12 meters at 20 °C
Functioning temperature:	-20 °C to +40 °C
Type of protection:	IP 44 by EN 60529
Kind of protection:	II by EN 60335 in ideal assembling conditions.

DIMENSIONS:

