

PIR Motion Sensor Plate Mount Mechanism 120 x 70° detection

SEN-PIR12070MECH-W

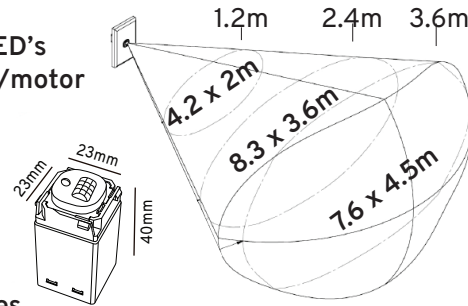


PRODUCT OVERVIEW

This PIR (Passive Infrared) motion sensor automatically controls lighting by detecting human body heat movement within a 120x70° detection area. When motion is detected, the connected load turns on instantly. The sensor can be set to operate during daytime, nighttime, or both.

TECHNICAL SPECIFICATIONS

Supply Voltage Range	220-240Va.c. 50Hz
Load Rating	800W Incandescent / 250W LED's 250W Fluorescent / 150W Fan/motor
Operating temp	5°C - 40°C
Humidity	Indoor use only
ON time duration	10 seconds - 20 minutes
Lux range	10 – 2000 Lux
Field of view	120° Horizontal, 70° Vertical
Maximum range	5 metres
Plate Compatibility	Most market leading 30m plates



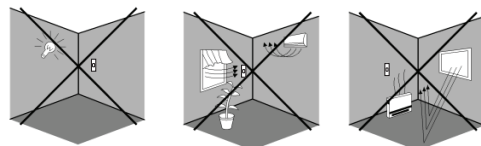
CONTROLS

- Time:** Turning the time dial counter-clockwise decreases the time to a minimum of 10 secs. Turning the time dial clockwise increases the time to a maximum of 20 minutes. Ideal is around 10 minutes for most applications.
- Lux:** Turning the Lux dial too far clockwise may cause the sensor to only operate in darkness. Turning the Lux dial too far anti-clockwise the sensor to operate only in during daylight. Ideal is to have the dial set around day rather than night.

PRIOR TO INSTALLATION

Improper placement may cause false triggering.

- Do NOT install:** Near heat sources such as heating vents, AC units, lights, metal roofs etc.
Toward reflective surfaces such as glass.

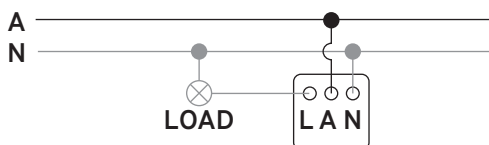


Safety



Installation shall be performed by a licensed electrician.
Do not exceed rated load capacity.
Ensure wiring complies with national and local building regulations and the Australian and New Zealand wiring rules (AS/NZS 3000) current edition.

WIRING INSTRUCTIONS



SENSOR SETUP AND TESTING

Test mode: When the TEST button is pressed, it automatically goes into test mode for 5 minutes. The TEST mode timer is pre-set to 5 seconds and the LUX setting is set to maximum. This is to allow the installer to check the “field of view” and the operation of the PIR in daylight conditions.



Setup: Once the operation has been verified by using the “TEST” mode, set the desired time via the time dial and then set the lux dial to the required level before the unit stops detecting movement.