

ENGLISH

MOTION SENSOR IR DETECTION ANGLE 180°



PE - DESPPE003 12/07

INTRODUCTION

Your motion sensor is a fully automatic indoor and outdoor security/courtesy light controller capable of controlling up to 1000W incandescent or 400W fluorescent of lighting. At night, the built-in passive infrared (PIR) motion sensor turns on the connected lighting system when it detects motion in its coverage area. During the day, the built-in photocell sensor saves electricity by deactivating the lights. An adjustable timer (⌚) lets you select how long the light stays on after activation. The lite adjustment (☀) determines at what light level the lighting system will start operating when you set the motion sensor to automatic mode.

TECHNICAL DATA

Power Requirement:
Power Cord Requirement:
Lighting Load Max:

220 ÷ 240 V~ 50 Hz

H05RN-F - 1 mm²

max 1000W incandescent

max 400W (10 x 40W) fluorescent



Protection Degree:

IP 44

Protection Class:

Class II

Detection Angle:

Up to 180° at 20 °C

Detection Distance:

Approx. 12 m at 20 °C

Swiveling Angle:

Vertical 35° - horizontal 70°

Time Adjustment:

± 5 sec ÷ ± 12 min.

Lux Adjustment:

Approx. 0 ÷ 1000 Lux

Operating Temperature:

-20 °C ÷ +40 °C

Warm Up Time:

About 1 minute

Wall Switch Control:

ON/OFF

CE marking reference standard: LVD 2006/95/CE - EMC 2004/108/CE



Please read this instruction booklet carefully and keep it for future reference.

⚠ WARNINGS ⚠

Important: installation and electrical connections of devices and appliances must be carried out by skilled people and in compliance with current regulations. The manufacturer declines any liability in connection with the use of products subject to special environmental and/or installation standards.

- Check if the total load of the lighting system exceeds the lighting capacity.
- Install the movement detector on a fixed wall, well away from sources of heat and out of direct sunlight. Keep the detector at least 1 meter away from the controlled lighting (e.g. Lamp).
- Avoid aiming the motion sensor at pools. Try to avoid pointing the unit at trees or shrubs can trigger false switching.
- For outdoor installation, a location under eaves is preferable.
- The movement detector is not suitable for connection to anti-intruder security system since it is not fitted with any anti-tamper system.
- Prior to mounting, keep in mind that the motion sensor is more sensitive to the motion, which is across the detection field (FIG. 6) and less sensitive to the motion, which moves directly towards the detector (FIG. 7).

INSTALLATION

- To detach the base cover from the unit (FIG. 1).
- Height of installation recommended: for **wall mounting** 1,8 ÷ 2 m above the ground is needed (FIG. 3); for **ceiling mounting** 2,5 ÷ 4 m above the ground is required (FIG. 4).

NOTE: make sure that the power wiring comes from circuit with an external 16A miniature circuit breaker for the short circuit protection or a suitable fuse (FIG. 5).

ELECTRICAL CONNECTION - ⚡ switch mains supply off 230V~ 50 Hz

Electrical connection see FIG. 5:

L = brown wire - N = blue wire - LS = red wire.

INITIAL OPERATION (TESTING AND ADJUSTMENT)

- Carefully turn the Light lux control (☀) and time regulator (⌚) to the left and stop (TEST position - FIG. 8).
- Switch on power.
- The attached device (example Lamp) lights up for approx. 1 min. (Warm up) and then switches off.
- Walk through the detection area, the light turns on when you move and turns off with a time delay, when you stop. There should be at least 5 seconds between the test.
- Adjust the motion sensor to cover the desired detection area (coverage angles FIG. 10). For a smaller coverage area, point the sensor down; for a larger coverage area, point the sensor up.
- By turning the regulators (☀ and ⌚) to the right, the desired response (crepuscular 0 to 1000 lux) and the switching (5 sec. To 12 min. approx.) example FIG. 9.

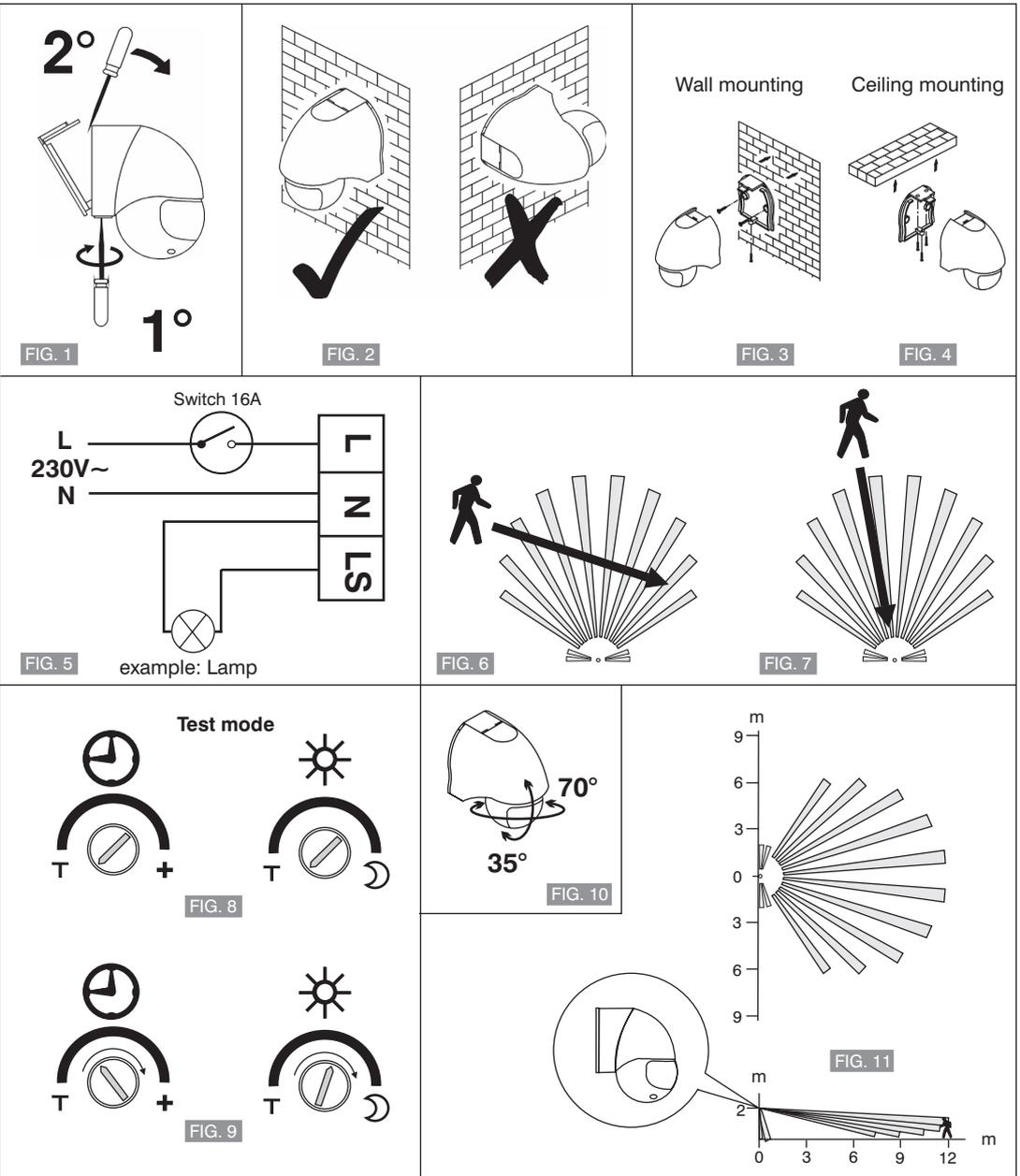
TROUBLESHOOTING

Light does not turn on

- Check that the wall switch is ON, permitting 230V~ mains supply to the sensor.
- Confirm that you have made a correct "wiring connection".
- Make sure that the bulbs have not burned out.

Light remains on

- Make sure the wiring connection is correct.
- Check if the (⌚) setting is correct.



DISPOSAL OF ELECTRICAL & ELECTRONIC EQUIPMENT (EU directive 2002/96/EC)

This symbol on the product or its packaging indicates that this product shall not be treated as household waste.

Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment, such as for example:

- sales points, in case you buy a new and similar product;
- local collection points (waste collection center, local recycling center, etc...).

By ensuring this product is disposed of correctly, you will help prevent potential negative consequence for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your house hold waste disposal service or the shop where you purchased the product.

Attention: in some countries of the European Union the product is not included in the field of application of the National Law that applies the European Directive 2002/96/CE, and therefore countries have no obligation to carry out a separate collection at the "end of life" of the product.

The manufacturer reserves the right to make all technical and manufacturing modifications deemed necessary without prior notice.