

PYR S5



Motion sensor



PYR S5/W

PYR S5/D

The presence sensor or passive infrared motion detector automatically activates the connected player every time the sensor detects a minimum movement.

When the last person leaves the detection area and the set timing period has elapsed, the connected player will end the memorized programming.

In the case of a crowded room, where many people enter and leave, the motion sensor will continue to detect movements, it is possible to block the detection of the sensor by activating the appropriate Inhibit input.

The sensor allows you to independently set a short pause between two motion detections.

The PYR S5 motion sensor is designed to be combined with all InOut players, ideal for the NP10 player.

Technical features

Power supply: +5vdc to +24vdc.

5m. Maximum distance for motion detection

Two TTL outputs, positive pulse and negative pulse

Duration of output pulse with time adjustable: 1 sec to 10 sec.

Inhibition time adjustment between two detections: 5 sec to 12 sec.

Re-triggerable mode function

Input to disable the sensor, compatible with I / O player InOut or external contact.

Bi-color LED indication, green = To pulse timer on, red = Ti inhibition timer on or Inhibit input active.

Consumption: 70mW max. (20mW stand-by).

Dimensions: 70.4x50x22.7mm.

Available colors: w = Off-white d = Dark gray

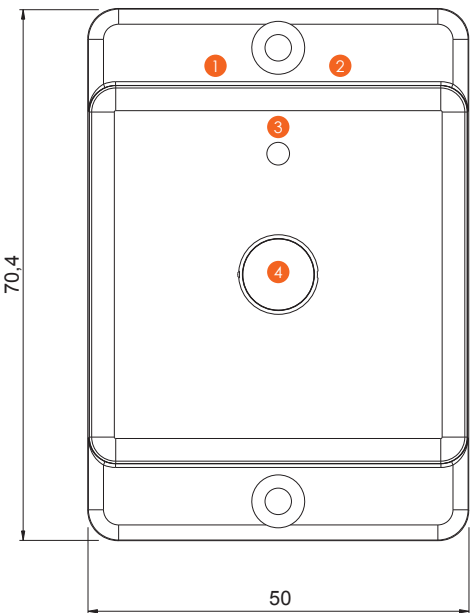
Plastic case material: ABS UL94V-1

Weight: 30 gr.

Operating temperature: 0° to +50° C.

Storage temperature: -20° to +60° C.

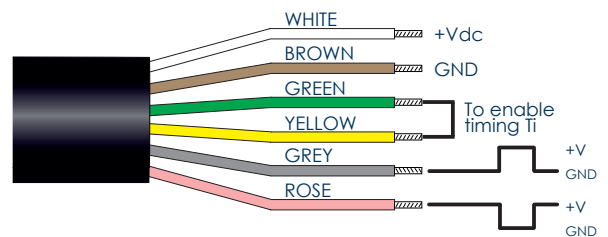
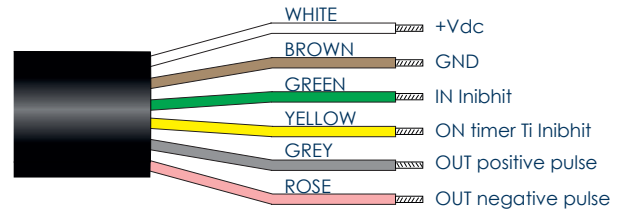
Protection category: IP 20





Settings and adjustments

- ① Timing adjustment trimmer Ti sensor inhibition
- ② Timing adjustment trimmer To output pulse
- ③ Green Led Output ON / Red led timing Inhibit ON
- ④ Motion Sensor

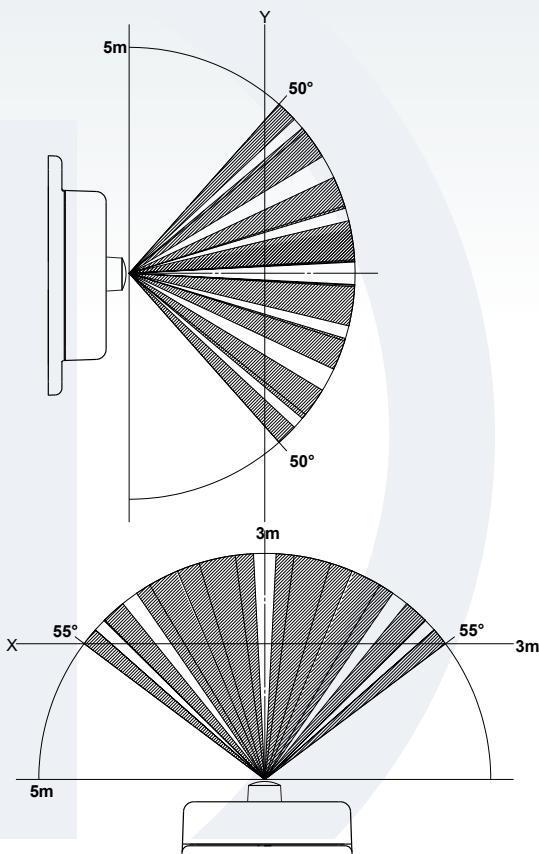
Connections



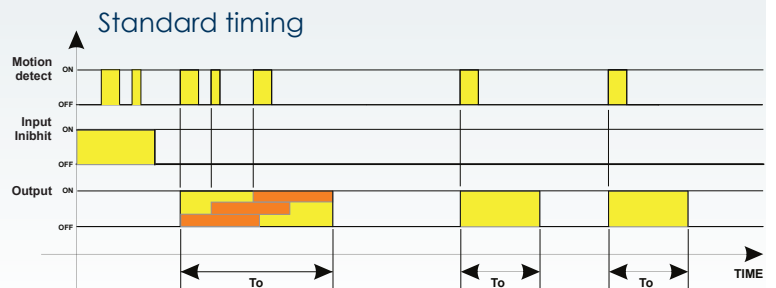
min 1 sec.  MAX. 10 sec. **Time setting of the To output pulse**

min 5 sec.  MAX. 12 sec. **Time setting of the Ti Inhibit sensor**

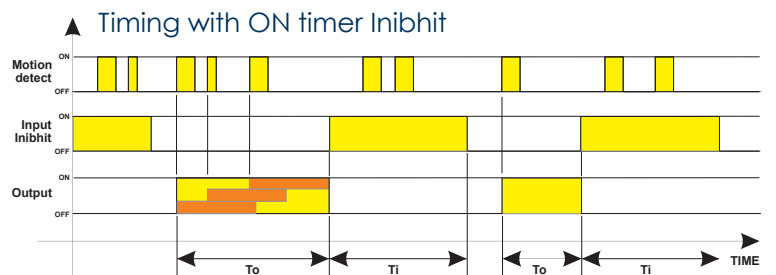
Detection Area



Function



At the first motion detection, timing begins.
At each subsequent detection, the timing restarts from the beginning with the set time.



By connecting the Inhibit input together with the Inhibit ON timer, at the end of the output timing To, a timing cycle Ti starts to inhibit the sensor as set.