

PYR L12



Motion sensor



PYR L12/W

PYR L12/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 a lot of 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 pause between two motion detections, to easily combine audio messages with advertising panels, totems, and other communication systems, some quick interventions to optimize operation in the presence of many people. The PYR L12 motion sensor is designed to be combined with all InOut players.

Technical features

Power supply: +5vdc to +24vdc.

12m. Maximum distance for motion detection

Output with relay contacts, 3-way COM / NO / NC (max. 1A / 30Vdc.)

Pulse duration of the output contact with time adjustable: 2 sec to 1 min.

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

Dual mode function: re-triggerable e non re-triggerable

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.

Red LED indication sensor disabled, Inhibit input active.

Consumption: 500mW max. (10mW stand-by).

Dimensions: 90.4x50x28.7mm.

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

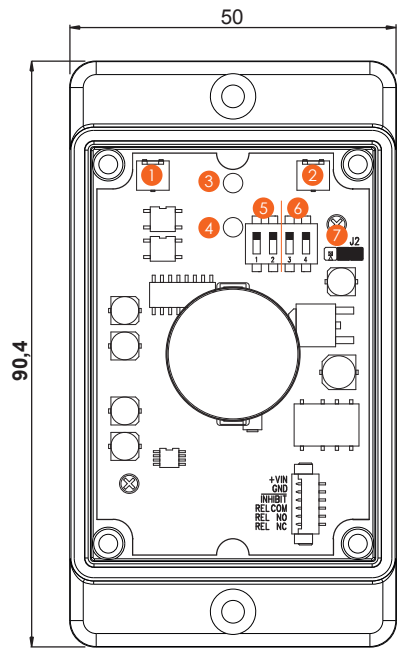
Plastic case material: ABS UL94V-1

Weight: 50 gr.

Operating temperature: 0° to +50° C.

Storage temperature: -20° to +60° C.

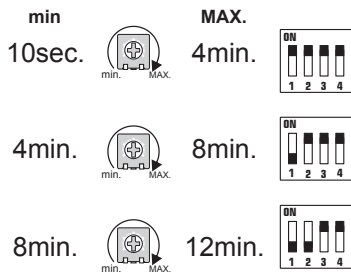
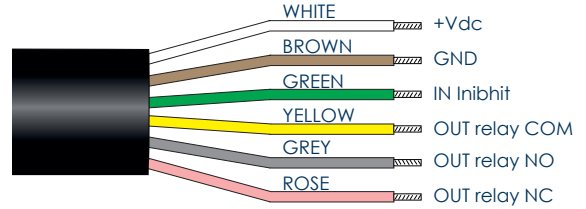
Protection category: IP 20



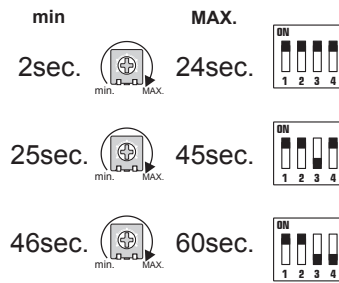
Settings and adjustments

- 1 Timing adjustment trimmer T_i sensor inhibition
- 2 Timing adjustment trimmer T_o output impulse
- 3 Green Led Output ON / Red led timing Inhibit ON
- 4 Red led Inhibit input ON
- 5 SET of the duration of the output pulse T_o
- 6 SET the duration of the sensor inhibition time T_i
- 7 Jumper SET ON/OFF re-triggerable mode

Connections

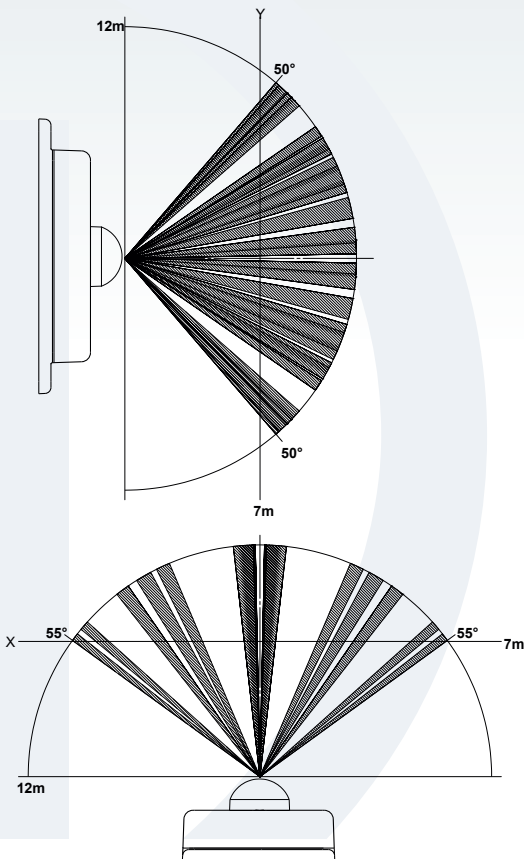


Time setting of the T_i Inhibit sensor

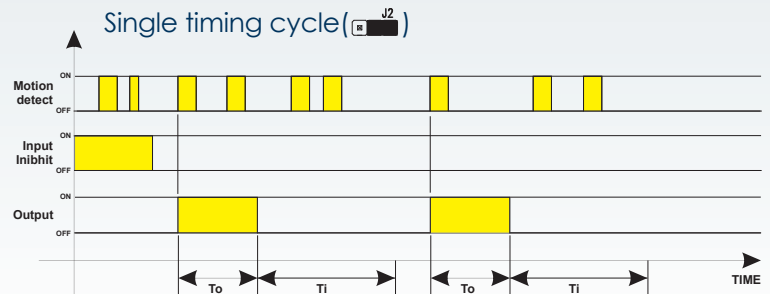


Time setting of the T_o output pulse

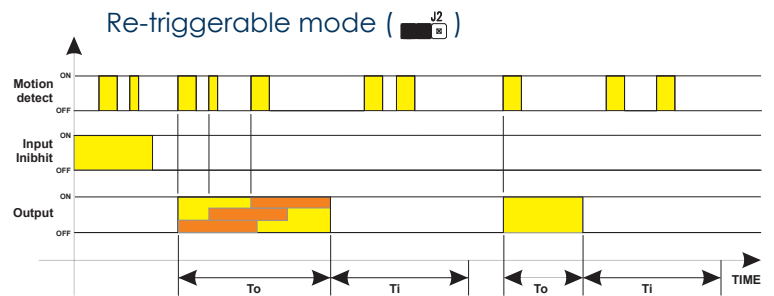
Detection Area



Functions



At the first motion detection, timing begins.
Each subsequent detection does not affect the timing cycle.



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

! Minimum delay time 10 sec.