



DESCRIPTION

The SO-PIR-2 is a passive infrared detector for monitoring occupancy through body heat and movement by people.

The detector is passive infrared (PIR) which reacts to temperature changes in range of the detection beams.

The SO.PIR.2 detector has two function modes: occupancy sensor (occupancy S4=on) and a mouvement detector (mouvement S4=off). Once movement is detected, e.g. an incoming person, the SO.PIR.2 becomes an occupancy sensor.

The delay of 1...20 min. maintains the SO.PIR.2 as an occupancy sensor, after the movement detection. The function of relay contact (NC/NO), indication lamp and sensitivity is selected by the on/off jumpers S1 .. S4.

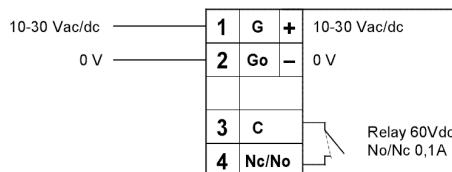
The occupancy sensor SO.PIR.2 can be flush - or surface mounted on the ceiling or wall. A surface mounting housing can optionally be ordered.

TECHNICAL DATA

Power supply	24 Vac/dc, 10 .. 30 Vdc < 0,5 W
Function	mouvement* / occupancy mode
Alarm output (NC / NO*)	< 0,1A / < 60Vdc
Detection range	3,7m maximum
Delay	2 s* , 2 min , 10 min or 20 min
Protection class	IP20
Operation temperature	-10...+55°C
Indication of detection	LED
Dimensions w x h x d	62 x 75 x 40 mm

* factory setting

WIRING DIAGRAM



SETTINGS

	Function
S4	Occupied
	Movement

S2	S3	Hold Time
		2 s
		120 s
		600 s
		1200 s

	Relay Contact
S1	Nc
	No

ORDERING INFORMATION

ITEM NR.	DESCRIPTION
SO-PIR-2	PIR occupancy detector
T-SO-KO3602	surface mounting housing