

# Presence detector, 230 V, master, 2 channels, 12 m, with 2 potential-free contacts, flat, for flush mounting, white

350-41620

4 year warranty

Flat presence or absence detector, 360°, 230 V AC with 2 potential-free contacts (10 A) for flush-mounting in ceilings. Standalone or as master combinable with a maximum of 20 secondary detectors. Easy installation. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. Particularly suitable for the switching of installations with 3 phases where the light circuits need to be distributed to several groups for safety reasons.

For use in offices, schools, conference rooms... in large and small spaces. The two contacts are always controlled simultaneously. Depending on the chosen application:

- the lighting must always be switched on manually with a push button, the light is automatically switched off when there is sufficient daylight or no one is in the room (absence detector).
- the lighting is switched on automatically when movement is registered and in case of insufficient daylight. Also here the lighting is automatically switched off if there is sufficient daylight or no one is in the room (presence detector). Lighting will remain on as long as motion is detected and the measured daylight level is lower than the set value. When a push button is used, upon leaving the room the user can decide to switch off the light immediately (eco off) instead of waiting for the switch-off delay. The light remains switched off, even if movement is still detected in the room. After the set switch-off delay has elapsed, the detector resumes its normal operation. The switch-off delay, the lux value at which the lighting must switch on and the sensitivity of the detector are easily set with the IR remote control (optional). IR remote control for fast and easy programming (optional).

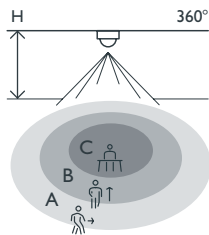
Finishing colour: white

Compatible secondary detectors: 350-41601

- Simple installation
- It can be integrated practically level on the ceiling thanks to its ultra-flat design of barely 5 mm.
- Ideal for the switching of 3-phased installations, in which the lighting circuits must be divided into two phases for safety reasons



Detection range



H	A Across	B Towards	C Presence
2.5 m	ø 8 m	ø 4 m	ø 3 m
3 m	ø 12 m	ø 6 m	ø 4 m



**Niko**

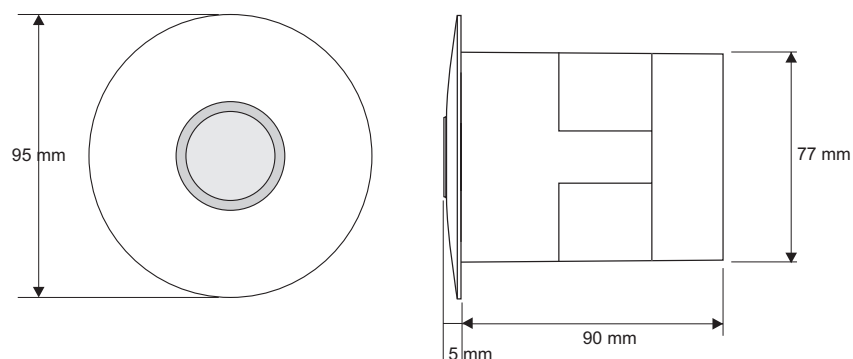
## Technical data

Article number	350-41620
Compatible secondary detectors	350-41601
Input voltage	230 Vac $\pm$ 10 %, 50 Hz
Detector output	230 V (ON/OFF)
Maximum MCB rating	10 A (limited by national installation rules)
Relay contact	2 x N.O. (max. 10 A), potential-free
Maximum load incandescent and halogen lamps ( $\cos\phi = 1$ )	2300 W
Maximum load economy lamps (CFLi)	350 W
Maximum load LED lamps 230 V	350 W
Maximum capacitive load	140 $\mu$ F
Maximum switching current	165 A/20 ms – 800 A/200 $\mu$ s
Light intensity range	50 lux – 1000 lux
Number of channels	2 channels
Switch-off delay	5 min – 30 min
Detection angle	360°
Detection range (PIR)	$\varnothing$ 12 m from a height of 3 m
Ambient temperature	-5 – +40 °C
Mounting method	flush-mounting
Mounting height	2.4 – 3 m
Drill diameter	77 mm
Dimensions visible (HxWxD)	95 x 95 x 5 mm
Dimensions (HxWxD)	95 x 95 x 95 mm
Protection degree	IP20
Marking	CE

## Accessories

350-41936	Universal remote control for smartphone
350-41934	IR remote control for installers

## Dimensions



Wiring diagram

