

# Presence detector, 230 V, 9.5 m, IP65, mini, for flush mounting, white

350-20085

4 year warranty

This mini presence detector with one channel (360°, 10 A) is suitable for flush mounting in ceilings and is used to switch indoor lighting on and off. Thanks to its compact dimensions and discreet design, the mini detector goes virtually unnoticed in any room. The mini detector is flush-mounted using the spring clips on the device. The mini detector has a circular detection range with a diameter of up to 9.5 m. The device with integrated light sensor can be set up as a presence or as an absence detector. When used as a presence detector, the lighting automatically switches on and off (as soon as the switch-off delay has elapsed). When used as an absence detector, the lighting must always be manually switched on first using an N.O. push button, after which it will be automatically switched off (as soon as the switch-off delay has elapsed). The device is also equipped with the 'eco off' function, which allows the user to switch the lighting off using a connected N.O. push button without having to wait for the switch-off delay. If the lighting is not switched off manually, it will be switched off automatically once the switch-off delay has elapsed. The device has an IP65 protection degree and conforms to the European EN60669-2-1 standard for EMC and safety. The device has been preprogrammed. In order to enter customised settings, the IR remote control unit must be used. The remote control is not included with the device and must be purchased separately. Black deco ring included.

Finishing colour: white

This article is protected by at least one patent (application). For more info on patents, see [www.niko.eu/innovation](http://www.niko.eu/innovation).

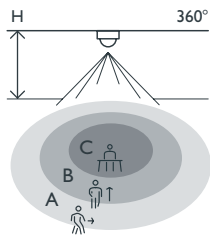


- Very discreet thanks to its small dimensions
- Easy to mount thanks to its spring clamps
- Low power consumption (0.2 W)
- Water resistant (IP65)
- Circular detection zone up to 9.5 m

For use in small rooms such as storerooms, lofts, toilets, small offices, etc.

- Depending on the application selected:
  - the lighting must always be turned on manually using a push button and turns off automatically when there is sufficient daylight or there is no longer anyone in the room (absence detector).
  - the lighting turns on automatically when there is motion and if there is not enough daylight. It also turns off automatically when there is sufficient daylight or there is no longer anyone in the room (presence detector).
- When a push button is used, the user can choose not to wait for the end of the switch-off delay and turn off the lighting when they leave the room (eco switch-off).
- The switch-off delay and the lux value at which the lighting must turn on can be set.
- The settings of the mini detector can only be modified using the optional IR remote control.

## Detection range



| H     | A<br>Across | B<br>Towards | C<br>Presence |
|-------|-------------|--------------|---------------|
| 2 m   | Ø 6 m       | Ø 3 m        | Ø 2 m         |
| 2.5 m | Ø 8 m       | Ø 3.7 m      | Ø 2.5 m       |
| 3 m   | Ø 9.5 m     | Ø 4.5 m      | Ø 3 m         |



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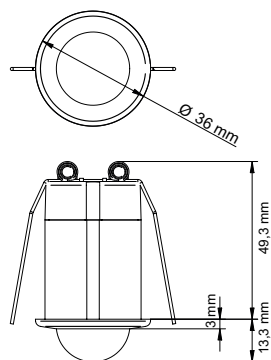
## Technical data

|  |   |
|--|---|
| Article number   | 350-20085                                     |
| 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  | N.O. (max. 10 A)                              |
| 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  | 20 lux – 1000 lux                             |
| Number of channels   | 1 channel                                     |
| Switch-off delay   | 2 min – 1 h                                   |
| Detection angle  | 360°  |
| Detection range (PIR)  | $\varnothing$ 9.5 m from a height of 3 m      |
| Ambient temperature  | -5 – +50 °C                                   |
| Mounting method  | flush-mounting                                |
| Mounting height  | 2 – 3 m                                       |
| Drill diameter   | 30 mm   |
| Dimensions visible (HxWxD)                                     | 36 x 36 x 13.3 mm                             |
| Dimensions (HxWxD)   | 36 x 36 x 62.6 mm                             |
| Protection degree  | IP65  |
| Marking  | CE  |

## Accessories

|           |   |
|-----------|---|
| 350-41936 | Universal remote control for smartphone |
| 350-20090 | IR remote control                       |

## Dimensions



Wiring diagram

