Presence detector, 230 V, master, 24 m, IP54, for flush-mounting box, white

350-20070

4 year warranty

This presence or absence detector with one channel (360°, 10 A) is suitable for flush mounting in ceilings and is used to switch indoor lighting on and off. The detector has a circular detection area with a diameter of up to 24 m that can be adjusted using the cover mask. 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 (to be ordered separately), 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 IP54 protection degree, a potential-free contact and conforms to the European EN 60669-2-1 standard for EMC and safety. The set-up can be performed manually on the device itself or via a remote control. The product can be used as a stand-alone unit or in combination with a maximum of ten secondary detectors.
Finishing colour: white
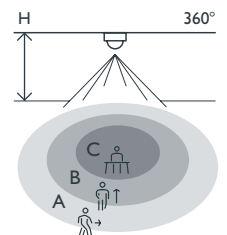Compatible secondary detectors: 350-20071, 350-20079, 350-20081

- Simple mounting
- Low power consumption (0.2 W)
- Splashproof (IP54)
- Large detection zone with a diameter of 24 m, from a height of 3 m

For use in offices, school buildings, cafeterias, 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). This function can be disabled, for example in (public) premises where the user cannot turn off the lighting as a safety measure.
- The switch-off delay, the lux value at which the lighting must turn on and the sensitivity of the detector can be set.
- The detector can be set manually on the device or using the IR remote control (optional).
- The sensor's lens can be covered with the cover mask provided, so you can divide the detection zone. The cover mask can be adapted according to the desired detection range.

| 230 V | master | 360 ° | ø 24 m from a height of 3 m | 2 – 3.4 m | flush-mounting box |

Detection range

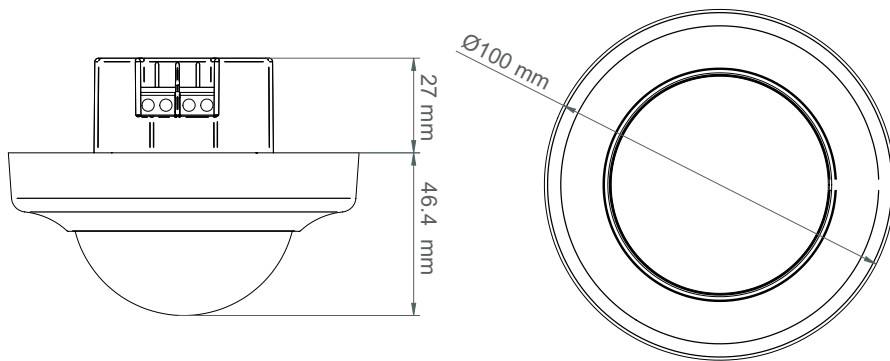| H	A Across	B Towards	C Presence
2 m	ø 16 m	ø 10 m	ø 4 m
2.5 m	ø 20 m	ø 12 m	ø 5 m
3 m	ø 24 m	ø 14.4 m	ø 6 m
3.5 m	ø 28 m	ø 16 m	ø 7 m

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Technical data

Article number	350-20070
Compatible secondary detectors	350-20071, 350-20079, 350-20081
Input voltage	230 Vac ± 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 (cosφ=1)	2300 W
Maximum load economy lamps (CFLi)	350 W
Maximum load LED lamps 230 V	350 W
Maximum capacitive load	140 μF
Maximum switching current	165 A/20 ms – 800 A/200 μs
Light intensity range	20 lux – 1000 lux, ∞
Number of channels	1 channel
Switch-off delay	pulse, 2 min – 1 h
Detection angle	360 °
Detection range (PIR)	ø 24 m from a height of 3 m
Ambient temperature	-5 – +50 °C
Mounting method	flush-mounting box
Mounting height	2 – 3.4 m
Dimensions visible (HxWxD)	100 x 100 x 46.4 mm
Dimensions (HxWxD)	100 x 100 x 73.4 mm
Protection degree	IP54
Marking	CE

Accessories

390-20057	Flush mounting box with spring clips
350-41936	Universal remote control for smartphone
350-20089	IR remote control

Dimensions

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Wiring diagram

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