

Motion detector M42MR, 230 V, 12-13 m, for flush-mounting box, white

353-600111

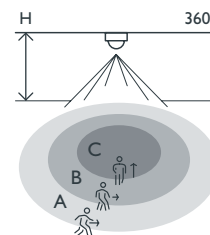
4 year warranty

This flat and discrete motion detector is a 1-channel, stand-alone detector for automatic lighting control. The detector is specially designed for mounting in a standard flush-mounting box (60 or 79 mm screw distance). The detector's settings can be modified using the Niko detector tool app and 2-way Bluetooth® communication between a smartphone and the detector. Finishing colour: white

- Flat and discrete design
- Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)
- Quick cabling using screwless and easily accessible plug-in terminals
- User-friendly app for settings (iOS/Android)
- 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app
- Pre-configured functions:
 - adjustable PIR sensitivity (4 levels)
 - event log keeps track of recent changes
- Robust potential-free relay
- Automatic lighting control can be overridden with a 230 V push button - different options are available
- Settings and configuration can be locked with a PIN code
- Web based portal solution for back up and distribution of configuration files



Detection range



| H | A Walking | B Across | C Towards |
|-------|-----------|----------|-----------|
| 2.5 m | Ø 13 m | Ø 11 m | Ø 3 m |
| 3.0 m | Ø 12 m | Ø 12 m | Ø 3 m |

Measured according to EN/IEC63180



230 V



stand-alone



360°



Ø 12 m from a height of 3 m



2 – 3.5 m



flush-mounting box

niko

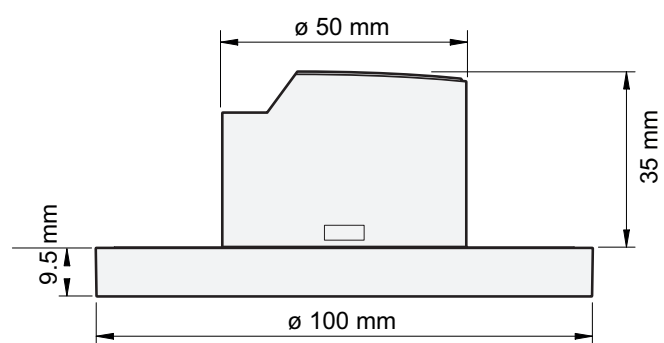
Technical data

| | |
|--|---|
| Article number | 353-600111 |
| Input voltage | 230 Vac \pm 10 %, 50 Hz |
| Detector output | 230 V (ON/OFF) |
| Maximum power consumption | 0.2 W |
| Maximum MCB rating | 16 A (limited by national installation rules) |
| Relay contact | N.O. (max. 10 A), potential-free |
| Maximum load incandescent and halogen lamps ($\cos\phi=1$) | 2300 W |
| Maximum load fluorescent lamps ($\cos\phi \geq 0.5$) | 1200 VA |
| Maximum load economy lamps (CFLi) | 350 W |
| Maximum load LED lamps 230 V | 350 W |
| Maximum load LED driver | 500 VA |
| Maximum load electronic transformer | 500 VA |
| Maximum capacitive load | 140 μ F |
| Maximum switching current | 165 A/20 ms – 800 A/200 μ s |
| Light intensity range | 20 lux – 2000 lux, ∞ |
| Number of channels | 1 channel |
| Switch-off delay | pulse, 15 s – 2 h, ∞ |
| Detection angle | 360 ° |
| Detection range (PIR) | \varnothing 12 m from a height of 3 m |
| Ambient temperature | -25 – +40 °C |
| Mounting method | flush-mounting box |
| Mounting height | 2 – 3.5 m |
| Colour | white (approximately RAL 9010) |
| Dimensions visible (HxWxD) | 100 x 100 x 9.5 mm |
| Dimensions (HxWxD) | 100 x 100 x 44.5 mm |
| Maximum range Bluetooth® (free field, depending on the device) | 50 m |
| Operating frequency | 2.4 GHz |
| Maximum radio frequency power | -2 dBm |
| Protection degree | IP20 |
| Impact resistance | IK02 |
| Modification of settings | Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication |
| Halogen-free | yes |
| Marking | CE |

Accessories

| | |
|------------|--|
| 353-990992 | Deco ring for flush-mounted P4XMR and M4XMR detectors, black |
|------------|--|

Dimensions



Wiring diagram

