

# Motion detector M42MR, 230 V, 12-13 m, for flush mounting (SnapFit), white

353-601111



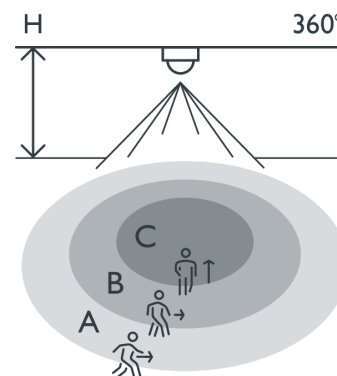
4 year warranty



|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 230 V                                                                             | stand-alone                                                                       | IP20                                                                              | N.O. (max. 10 A), potential-free                                                  | 20 lx – 2,000 lx                                                                  | 360°                                                                              | 12 m from a height of 3 m                                                         |
|  |  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 2 m – 3.5 m                                                                       | flush-mounting (SnapFit)                                                          | Bluetooth® Low Energy                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |



## Detection range



This flat and discrete motion detector is a 1-channel, stand-alone detector for automatic lighting control. The SnapFit mounting bracket ensures a quick and stable mounting in all types of suspended ceilings with or without removable tiles. The detector's settings can be modified using the Niko detector tool app and 2-way Bluetooth® communication between a smartphone and the detector.

Colour: white

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

- Flat and discrete design
- SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles
- Quick cabling using screwless and easily accessible plug-in terminals
- Screwless strain relief and screwless installation of cable cover
- 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:
- Robust potential-free relay
- Automatic lighting control can be overridden with a 230 V push button - different options available
- Settings and configuration can be locked with a PIN code
- Web based portal solution for backing up and exchanging configuration files

| H     | A<br>Walking | B<br>Across | C<br>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



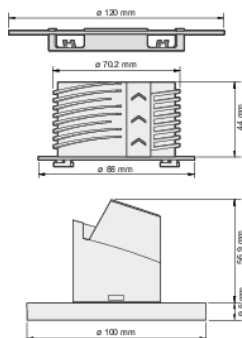
## Technical features

|                                                                |                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------|
| Configuration                                                  | stand-alone                                                             |
| Input voltage                                                  | 230 Vac                                                                 |
| Detector output                                                | 230 V (ON/OFF)                                                          |
| Switch-off delay                                               | pulse, 15 s – 2 h, ∞                                                    |
| Maximum power consumption                                      | 0.2 W                                                                   |
| Maximum MCB rating                                             | 16 A (limited by national installation rules)                           |
| Detection angle                                                | 360 °                                                                   |
| Detection range (PIR)                                          | 12 m from a height of 3 m                                               |
| Minimum ambient temperature                                    | -25 °C                                                                  |
| Maximum ambient temperature                                    | +40 °C                                                                  |
| Mounting method                                                | flush-mounting (SnapFit)                                                |
| Mounting height                                                | 2 m – 3.5 m                                                             |
| Colour                                                         | white                                                                   |
| Colour RAL (approximately)                                     | 9010                                                                    |
| Dimensions visible (HxWxD)                                     | 100 mm x 100 mm                                                         |
| Dimensions (HxWxD)                                             | 120 mm x 120 mm x 66.4 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 standalone                                   | IP20                                                                    |
| Impact resistance                                              | IK02                                                                    |
| Modification of settings                                       | Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication |
| Halogen-free                                                   | yes                                                                     |
| Certificates marks                                             | CE                                                                      |

## Accessories

|            |                                                                                  |
|------------|----------------------------------------------------------------------------------|
| 353-999869 | Lens cover for P4XMR and M4XMR detectors, transparent (5 pieces)                 |
| 353-991901 | Spring clips for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit) |

## Dimensions



## Wiring diagram

