

Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, for flush mounting (SnapFit), Wieland gesis® 2 m cable with 5-pol. connector, white

353-751021-3

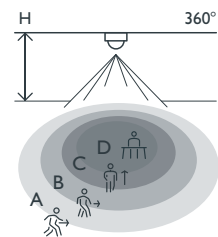
4 year warranty

This presence detector is a DALI-2 secondary and BMS detector that extends the detection range of a DALI-2 master detector or can be part of a DALI-2 BMS system. If the detector is used as a secondary detector and connected to a DALI-2 bus controlled by a DALI-2 master detector, it will start communicating with this master detector without further commissioning. If it is connected to the DALI bus of a BMS system, the detector needs to be commissioned with the BMS software. The detector settings can be modified using the Niko detector tool app and 2-way Bluetooth® communication. The SnapFit mounting system guarantees fast and stable installation. The DALI-2 secondary detector is prewired with a 2 m cable and a 5-pole female connector that is unique, which helps to avoid installation errors and save time. This P46 DALI-2 secondary detector with one cable is suitable for all DALI-2 installations. It can be used to extend the detection range for DALI-2 P47 or P48 master detectors or in combination with a DALI-2 BMS system. Finishing colour: white. This article is protected by at least one patent (application). For more info on patents, see www.niko.eu/innovation.



- Easy installation thanks to the direct connection to the DALI bus
- Communication with the master or BMS system via the DALI bus
- Power supply via the DALI bus
- 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) or BMS software
- 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app
- Fitted with three PIR segments, each covering 120°
- Pre-configured functions:
 - adjustable PIR sensitivity (4 levels) in 3 x 120°
 - one or more PIR segments can be disabled
 - event log keeps track of recent changes
- Settings and configuration can be locked with a PIN code

Detection range



| H | A Walking | B Across | C Towards | D Presence |
|-------|-----------|----------|-----------|------------|
| 2.5 m | ø 32 m | ø 28 m | ø 10 m | ø 8 m |
| 3.0 m | ø 37 m | ø 30 m | ø 8 m | ø 5 m |
| 3.5 m | ø 48 m | ø 42 m | ø 8 m | ø 6 m |

Measured according to EN/IEC63180



Bluetooth®



DALI-2



secondary - BMS



360°



ø 37 m from a height of 3 m



2 – 3.5 m



flush-mounting (SnapFit)

niko

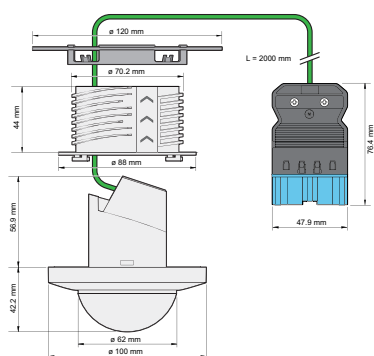
Technical data

| | |
|--|--|
| Article number | 353-751021-3 |
| Configuration | secondary - BMS |
| Input voltage | via the DALI bus |
| Detector output | DALI-2 |
| Maximum current consumption | 28.1 mA |
| Nominal current consumption (12 V, 25°C), Bluetooth® enabled | 8.1 mA |
| Nominal current consumption (12 V, 25°C), Bluetooth® disabled | 5 mA |
| Maximum MCB rating | 16 A (limited by national installation rules) |
| Maximum startup time DALI | < 1200 ms |
| Maximum PIR detection startup time | 1 min 10 s |
| Light intensity range | 0 lux – 10360 lux |
| Detection angle | 360° |
| Detection range (PIR) | ø 37 m from a height of 3 m |
| Ambient temperature | -25 – +40 °C |
| Mounting method | flush-mounting (SnapFit) |
| Mounting height | 2 – 3.5 m |
| Drill diameter | 76 mm |
| Minimum flush-mounting depth | 56.9 mm |
| Colour | white (approximately RAL 9010) |
| Dimensions visible (HxWxD) | 100 x 100 x 42.2 mm |
| Dimensions (HxWxD) | 120 x 120 x 99.1 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 | IK04 |
| Modification of settings | Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software |
| Halogen-free | yes |
| Marking | CE |
| Cable specifications | – cable colour: black |
| | – length: 2 m |
| | – wire cross-section: 1,5 mm ² |
| | – voltage: 250 V |
| | – rated current: 16 A |
| | – halogen-free: yes |
| | – ambient temperature: -5 – +70C° |
| | – type of connector: male, 5-pole, blue |

Accessories

| | |
|------------|--|
| 353-999879 | Lens cover for P4XLR, M4XLR and M4XHC detectors transparent (5 pieces) |
|------------|--|

Dimensions



Wiring diagram

