

Presence detector P42MR, 230 V, master, 12-13 m, for flush mounting (SnapFit), white

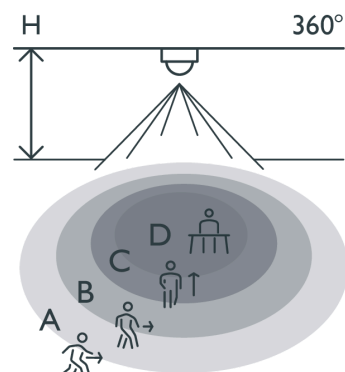
353-601121



230 V	master	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 presence detector is a 1-channel master detector for automatic lighting control. The detector is fitted with multiple functions and can be controlled wirelessly by push buttons. 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

Compatible secondary detectors: 353-600021, 353-601021, 353-602021, 353-700021, 353-701021, 353-702021, 353-802011

Compatible master detectors:

Compatible controls: 170-00005, 170-00015, 170-70015, 170-70005, 360-21001

This article is protected by at least one patent (or patent application). For more info on patents, see 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

H	A Walking	B Across	C Towards	D Presence
2.5 m	∅ 13 m	∅ 11 m	∅ 3 m	∅ 5 m
3.0 m	∅ 12 m	∅ 12 m	∅ 3 m	∅ 5 m

Measured according to EN/IEC63180

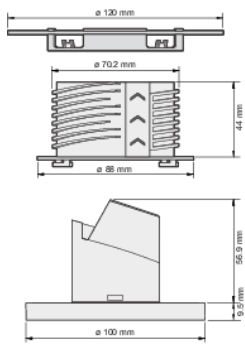


- User-friendly app for settings (iOS/Android)
- 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app
- Pre-configured functions:
 - Detection range can be increased using up to 10 secondary detectors
 - Wireless communication between master and secondary detectors with a repeater function
 - 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

Technical features

Compatible secondary detectors	353-600021, 353-601021, 353-602021, 353-700021, 353-701021, 353-702021, 353-802011
Compatible controls	170-00005, 170-00015, 170-70015, 170-70005, 360-21001
Configuration	master
Input voltage	230 Vac
Detector output	230 V (ON/OFF)
Switch-off delay	pulse, 15 sec – 7,200 sec, ∞
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

Dimensions



Wiring diagram

