

Presence detector P42LR, 230 V, master, 2 channels, 32-37 m, for flush mounting (SnapFit), white

353-701221



230 V	master	IP20	2xN.O. (max. 0 A), potential-free	20 lx – 2,000 lx	360°	ø 37 m from a height of 3 m
2 m – 3.5 m	flush-mounting (SnapFit)	Bluetooth® Low Energy				



This presence detector is a 2-channel master detector with a large detection range 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

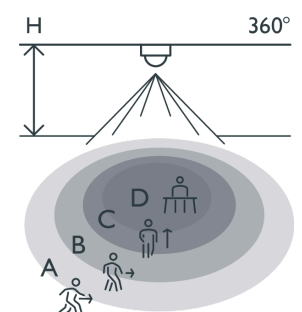
Compatible master detectors:

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.

- Each channel can be set independently
- 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

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



- User-friendly app for settings (iOS/Android)
- 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:
 - 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 controlled with a 230 V push button – one for each channel separately or one for both channels
- 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)	∅ 37 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 142.2 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	IK04
Modification of settings	Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication
Halogen-free	yes

