

Presence detector  
353-651421-4



**EN** Presence detector P48MR, DALI-2, master, 12-13 m, 360°, for flush mounting (SnapFit), Wieland gesis® 2 x 2 m cable with 5-pol. connectors

**NL** Aanwezigheidsmelder P48MR, DALI-2, master, 12-13 m, 360°, voor inbouw (SnapFit), Wieland gesis® 2 x 2 m kabel met 5-polige connectoren

**FR** Détecteur de présence P48MR, DALI-2, maître, 12-13 m, 360°, à encastrer (SnapFit), câble Wieland gesis® 2 x 2 m avec connecteurs à 5 pôles

**DE** Präsenzmelder P48MR, DALI-2, Master, 12-13 m, 360°, für Deckeneinbau (SnapFit), Wieland gesis® 2 x 2 m Kabel mit 5-poligen Steckern

**DK** Tilstedeværelsessensor P48MR, DALI-2, master, 12-13 m, 360°, planforsænket (SnapFit), Wieland gesis® 2 x 2 m kabel med 5-pol stik

**SE** Närvarosensor P48MR, DALI-2, master, 12-13 m, 360°, för infälld montering (SnapFit), Wieland gesis® 2 x 2 m kabel med 5-poliga kontakter

**NO** Tilstedeværelsessensor P48MR, DALI-2, master, 12-13 m, 360°, til innfelt montering (SnapFit), Wieland gesis® 2 x 2 m kabel med 5-polede kontakter

**IT** Rilevatore di presenza P48MR, DALI-2, master, 12-13 m, 360°, per montaggio a incasso (SnapFit), Wieland gesis® 2 x cavo da 2 m con connettori a 5 poli

**PL** Czujnik obecności P48MR, DALI-2, nadrzędny, 12-13 m, 360°, do montażu podtynkowego (SnapFit), kabel 2 x 2 m ze złączami 5-biegunowymi Wieland gesis®

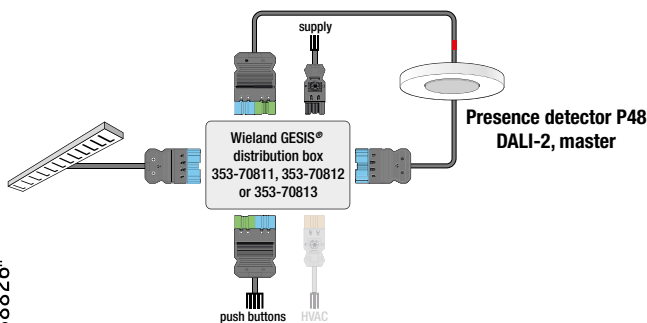
**SK** Detektor prítomnosti P48MR, DALI-2, master, 12-13 m, 360°, na zapustenú montáž (SnapFit), Wieland gesis® 2 x 2 m kábel s 5-pólovými konektormi

## Wiring

Aansluitschema / Schéma de raccordement / Verdrahtung / Tilslutningsskema / Kopplingschema / Ledningstilkopling / Cablaggio / Okablowanie / Instalácia

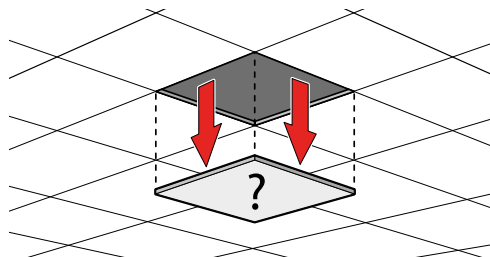
⚠ This product must be secured with a miniature circuit breaker (MCB) of max. 16 A in the electrical cabinet. The MCB rating is limited by national installation rules.

⚠ DALI power – OFF

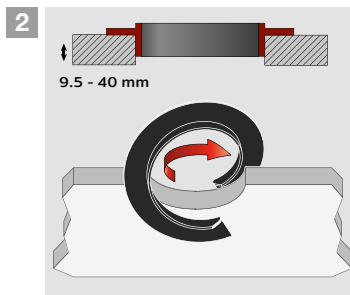
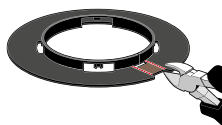


## Installation

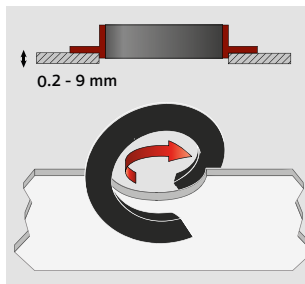
Installatie / Installation / Installation / Installation / Installation / Installasjon / Installazione / Instalacja / Instalácia



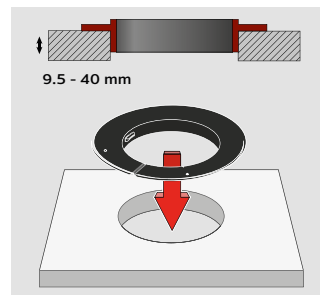
**1** NOT REMOVABLE (fixed ceiling)  
Ø 76 mm



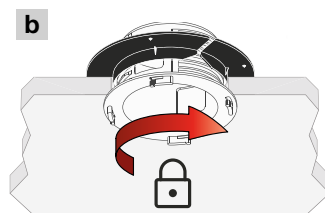
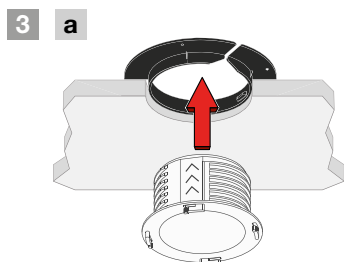
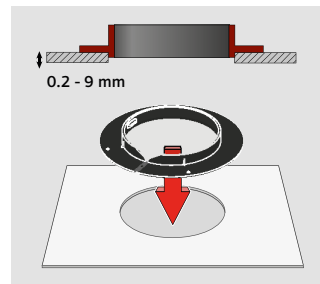
OR



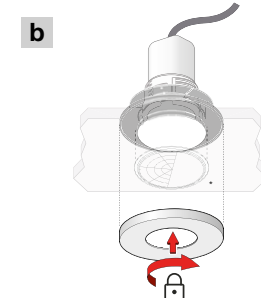
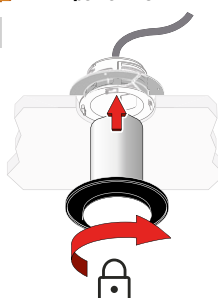
**REMOVABLE (suspended ceiling)**  
Ø 76 mm



OR



**4** ⚠ DALI power – OFF  
**a**

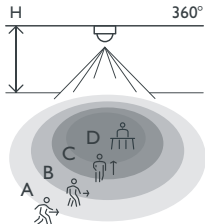


\* optional



Detection area

Detectiebereik / Portée de détection / Erfassungsbereich / Rækkevidde / Detekteringsområde / Övervakningsområde / Campo di rilevamento / Obszar wykrywania / Oblast snímania



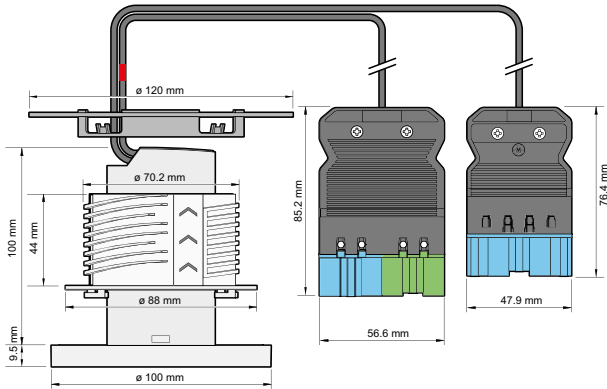
H	A Walking	B Across	C Towards	D Presence
2.5 m	∅ 13 m	∅ 11 m	∅ 3 m	∅ 5 m
3.0 m	∅ 12 m	∅ 12 m	∅ 3 m	∅ 5 m

Measured according to EN/IEC63180



Dimensions

Afmetingen / Dimensions / Abmessungen / Dimensioner / Mått / Dimensjoner / Dimenzioni / Wymiary / Rozměry



Specifications

Specificaties / Specifications / Spezifikationen / Specifikationer / Specifikationer / Spesifikasjoner / Specifiche / Specyfikacje / Technické údaje

Installation	.....	DALI-2
Configuration	.....	master / standalone
Mounting height	.....	2 – 3.5 m
Wire capacity	.....	1.5 / 2.5 mm <sup>2</sup>
Input voltage	.....	230 Vac ± 10 %, 50 Hz
Operating frequency	.....	2.4 GHz
Maximum power consumption	.....	0.6 W
Maximum voltage on the DALI bus	.....	15 Vdc
Maximum supply current*	.....	250 mA
Maximum guaranteed current on the DALI bus	.....	200 mA
Maximum startup time DALI	.....	< 1200 ms
Maximum PIR detection startup time	.....	70 s
Maximum number of control gear on the DALI bus	.....	64
Maximum number of dimmable zones	.....	4
Maximum radio frequency power	.....	-2 dBm
Ambient temperature	.....	-25 – +40 °C
Protection degree	.....	IP20
Impact resistance	.....	IK02
Halogen free	.....	yes
Marking	.....	CE
Cable specifications		
Cable 1 colour	.....	black
Cable 2 colour	.....	black with red shrink tube
Length	.....	2 m
Wire cross-section	.....	1.5 mm <sup>2</sup>
Voltage	.....	250 V
Rated current	.....	16 A
Halogen free	.....	yes
Ambient temperature	.....	-5 – +70 °C
Type of connector cable 1	.....	male, 5-pole, blue
Type of connector cable 2	.....	male, 6-pole, blue/green

\* It is not permitted to connect additional DALI power supplies to the DALI bus of the DALI-2 master detectors.

App settings & more info

App-instellingen / Réglages de l'appli / App-Einstellungen / App indstillinger / Appställningar / App-innstillinger / Impostazioni dell'app / Ustawienia aplikacji / Nastavenia aplikácie



DALI power – ON



Bluetooth®



The specific hardware manual for this product is available in multiple languages on [guide.niko.eu](https://guide.niko.eu)

LED behaviour

Ledgedrag / Comportement des LED / LED-Verhalten / LED funktioner / LED-funktioner / LED-funksjon / Comportamento del LED / Zachowanie LED / LED signalizácia



DALI power – ON

Green LED continuous on	●	Connection OK	
Green LED breathing	●	Connection OK, overrule ON	
Green LED flashing	●	Warming up*	Wait
Red LED continuous on	●	Error	<div>More info**:</div>
Red LED flashing	●	Warning	
Blue LED flashing	●	Walk test active	

\* When Bluetooth® communication is disabled, the green LED does not flash while warming up.  
\*\* More info / Meer informatie / Plus d'info / Mehr Info / Mere info / Mer information / Mer info / Ulteriore info / Więcej informacji / Viac informácií

Support & contact

nv Niko sa  
Industriepark West 40  
9100 Sint-Niklaas, Belgium

[www.niko.eu](https://www.niko.eu)

EN	+32 3 778 90 80	support@niko.eu
NL	België: +32 3 778 90 80	support.be@niko.eu
	Nederland: +31 880 15 96 10	support.nl@niko.eu
FR	Belgique: +32 3 778 90 80	support.be@niko.eu
	France: +33 820 20 66 25	support.fr@niko.eu
	Suisse: +41 44 878 22 22	support.ch@niko.eu
DE	Deutschland: +49 7623 96697-0	support.de@niko.eu
	Schweiz: +41 44 878 22 22	support.ch@niko.eu
	Österreich: +43 1 7965514	support.at@niko.eu
	Belgien: +32 3 778 90 80	support.be@niko.eu
DK	+45 74 42 47 26	support.dk@niko.eu
SE	+46 8 410 200 15	support.se@niko.eu
NO	+47 66 77 57 50	support.no@niko.eu
IT	+41 44 878 22 22	support.ch@niko.eu
PL	+48 509 378 373	support.pl@niko.eu
SK	+421 2 63 825 155	support.sk@niko.eu

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