

Presence detector
353-751421-4



EN Presence detector P48LR, DALI-2, master, 32-37 m, 360°, for flush mounting (SnapFit), Wieland gesis® 2 x 2 m cable with 5-pol. connectors

NL Aanwezigheidsmelder P48LR, DALI-2, master, 32-37 m, 360°, voor inbouw (SnapFit), Wieland gesis® 2 x 2 m kabel met 5-polige connectoren

FR Détecteur de présence P48LR, DALI-2, maître, 32-37 m, 360°, à encastrer (SnapFit), câble Wieland gesis® 2 x 2 m avec connecteurs à 5 pôles

DE Präsenzmelder P48LR, DALI-2, Master, 32-37 m, 360°, für Deckeneinbau (SnapFit), Wieland gesis® 2 x 2 m Kabel mit 5-poligen Steckern

DK Tilstedeværelsessensor P48LR, DALI-2, master, 32-37 m, 360°, planforsænket (SnapFit), Wieland gesis® 2 x 2 m kabel med 5-pol stik

SE Närvarosensor P48LR, DALI-2, master, 32-37 m, 360°, för infälld montering (SnapFit), Wieland gesis® 2 x 2 m kabel med 5-poliga kontakter

NO Tilstedeværelsessensor P48LR, DALI-2, master, 32-37 m, 360°, til innfelt montering (SnapFit), Wieland gesis® 2 x 2 m kabel med 5-polede kontakter

IT Rilevatore di presenza P48LR, DALI-2, master, 32-37 m, 360°, per montaggio a incasso (SnapFit), Wieland gesis® 2 x cavo da 2 m con connettori a 5 poli

PL Czujnik obecności P48LR, DALI-2, nadrzędny, 32-37 m, 360°, do montażu podtynkowego (SnapFit), kabel 2 x 2 m ze złączami 5-biegunowymi Wieland gesis®

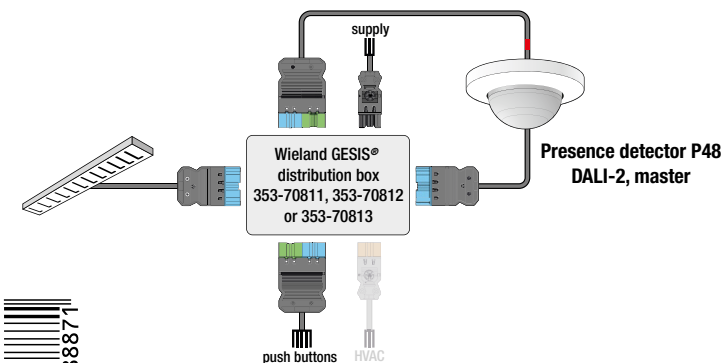
SK Detektor prítomnosti P48LR, DALI-2, master, 32-37 m, 360°, na zapustenú montáž (SnapFit), Wieland gesis® 2 x 2 m kábel s 5-pólovými konektormi

Wiring

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

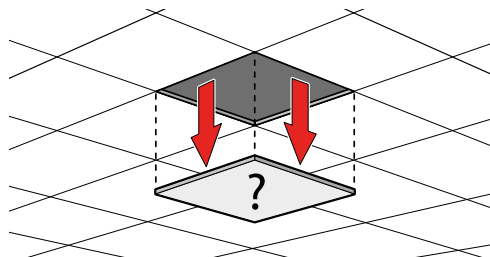
⚠ This product must be secured with a miniature circuit breaker (MCB) of max. 16 A in the electrical cabinet. The MCB rating is limited by national installation rules.

⚠ DALI power – OFF

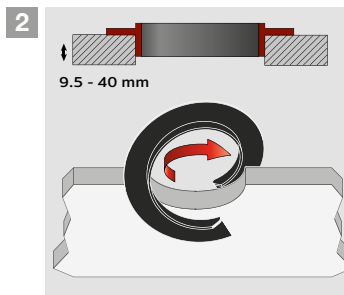
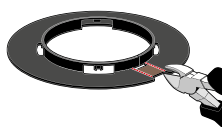


Installation

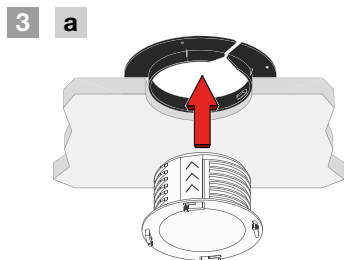
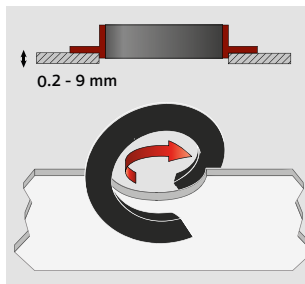
Instalatie / Installation / Installation / Installation / Installation / Installasjon / Installazione / Instalacja / Instalácia



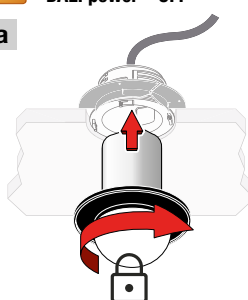
1 NOT REMOVABLE (fixed ceiling)
Ø 76 mm



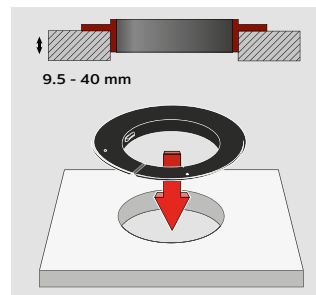
OR



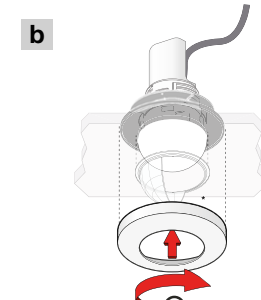
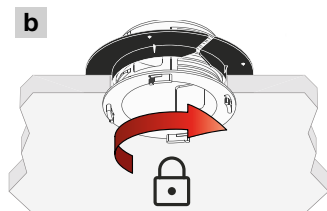
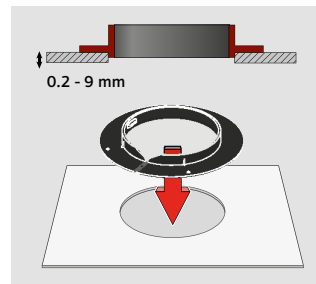
4 ⚠ DALI power – OFF
a



REMOVABLE (suspended ceiling)
Ø 76 mm



OR

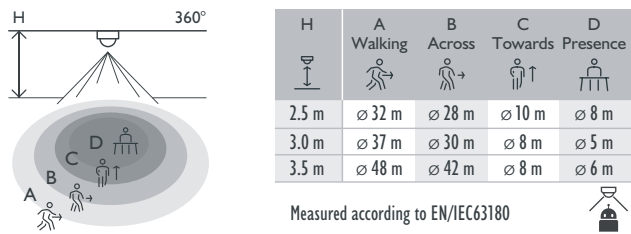


* optional



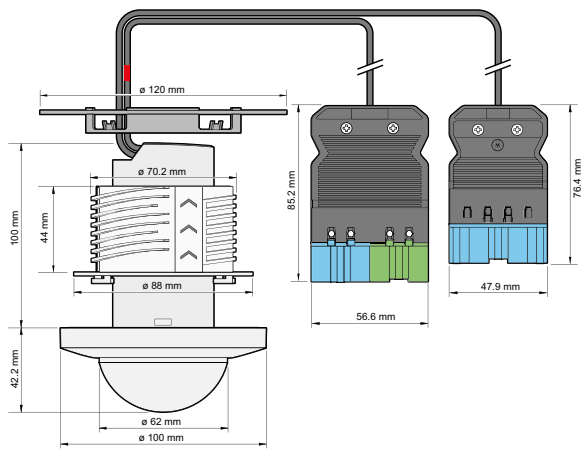
Detection area

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



Dimensions

Afmetingen / Dimensions / Abmessungen / Dimensioner / Mått / Dimensjoner / Dimensioni / 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 mm²
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	IK04
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 mm²
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
Fireclass, CPR	Eca

* 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 / Appnställningar / App-innstillinger / Impostazioni dell'app / Ustawienia aplikacji / Nastavenia aplikácie

DALI power – ON

Bluetooth

niko
detector tool

GET IT ON
Google Play

Download on the
App Store

The specific hardware manual for this product is available in multiple languages on 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	More info**: detector tool
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

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