

Presence detector
353-751321-3



- EN** Presence detector P47LR, DALI-2, master, 32-37 m, 360°, for flush mounting (SnapFit), Wieland gesis® 2 m cable with 5-pol. connector
- NL** Aanwezigheidsmelder P47LR, DALI-2, master, 32-37 m, 360°, voor inbouw (SnapFit), Wieland gesis® 2 m kabel met 5-polige connector
- FR** Détecteur de présence P47LR, DALI-2, maître, 32-37 m, 360°, à encastrer (SnapFit), câble Wieland gesis® de 2 m avec connecteur à 5 pôles
- DE** Präsenzmelder P47LR, DALI-2, Master, 32-37 m, 360°, für Deckeneinbau (SnapFit), Wieland gesis® 2 m Kabel mit 5-poligem Stecker
- DK** Tilstedeværelsessensor P47LR, DALI-2, master, 32-37 m, 360°, planforsænket (SnapFit), Wieland gesis® 2 m kabel med 5-pol stik
- SE** Närvarosensor P47LR, DALI-2, master, 32-37 m, 360°, för infälld montering (SnapFit), Wieland gesis® 2 m kabel med 5-poliga kontakter
- NO** Tilstedeværelsessensor P47LR, DALI-2, master, 32-37 m, 360°, til innfelt montering (SnapFit), Wieland gesis® 2 m kabel med 5-polet kontakt
- IT** Rilevatore di presenza P47LR, DALI-2, master, 32-37 m, 360°, per montaggio a incasso (SnapFit), Wieland gesis® cavo da 2 m con connettore a 5 poli
- PL** Czujnik obecności P47LR, DALI-2, nadrzędny, 32-37 m, 360°, do montażu podtynkowego (SnapFit), kabel 2 m ze złączami 5-biegunowymi Wieland gesis®
- SK** Detektor prítomnosti P47LR, DALI-2, master, 32-37 m, 360°, na zapustenú montáž (SnapFit), Wieland gesis® 2 m kábel s 5-pólovým konektorom

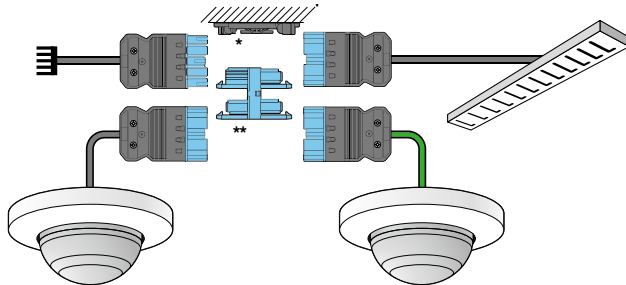
Wiring

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

* Wieland gesis® supporting plate, 07.413.6853.1
** Wieland gesis® H-distributor, 92.050.7453.0

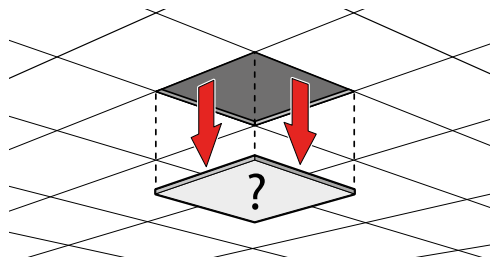


Presence detector P47
DALI-2, master

Presence detector P46
DALI-2, secondary

Installation

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



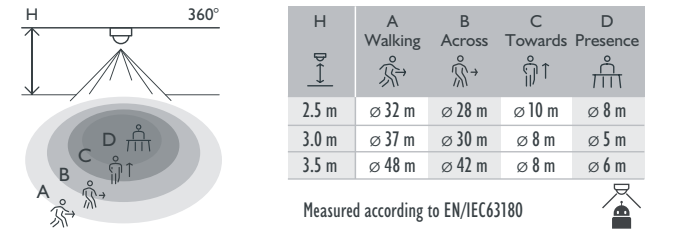
- 1** **NOT REMOVABLE (fixed ceiling)**
Drill Ø 76 mm hole in the ceiling.
- 2** **REMOVABLE (suspended ceiling)**
Drill Ø 76 mm hole in the ceiling.
- 3** **OR**
Drill 9.5 - 40 mm hole in the ceiling.
- 4** **OR**
Drill 0.2 - 9 mm hole in the ceiling.
- a** **!** DALI power – OFF
Insert the detector into the ceiling.
- b** **!** DALI power – OFF
Lock the detector into the ceiling.
- a** **!** DALI power – OFF
Insert the detector into the ceiling.
- b** **!** DALI power – OFF
Lock the detector into the ceiling.

* optional



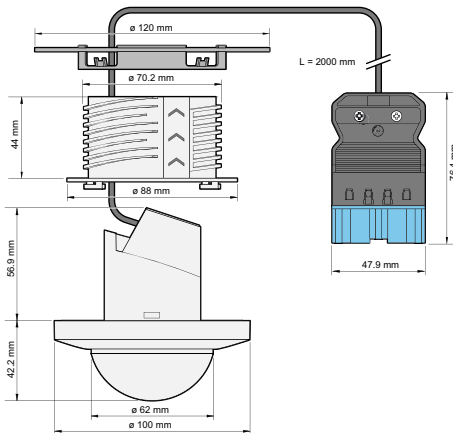
Detection area

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



Dimensions

Afmetingen / Dimensions / Abmessungen / Dimensioner / Mått / Dimensjoner / Dimensioni / Wymiary / Rozmery



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	.....	0.5 W
Maximum voltage on the DALI bus	.....	15 Vdc
Maximum supply current*	.....	250 mA
Maximum guaranteed current on the DALI bus	.....	100 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	.....	3
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 colour	.....	black
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	.....	male, 5-pole, blue
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
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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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