

Presence detector
353-751421-3



- EN** Presence detector P48LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), Wieland gesis® 2 m cable with 5-pol. connector
- NL** Aanwezigheidsmelder P48LR, DALI-2, master, 32-37 m, voor inbouw (SnapFit), Wieland gesis® 2 m kabel met 5-polige connector
- FR** Détecteur de présence P48LR, DALI-2, maître, 32-37 m, pour montage encastré (SnapFit), Wieland gesis® 2 m câble avec connecteur 5 pol
- DE** Präsenzmelder P48LR, DALI-2, Master, 32-37 m, 360°, für Deckeneinbau (SnapFit), Wieland gesis® 2 m Kabel mit 5-poligem Stecker
- DK** Tilstedeværelsessensor P48LR, DALI-2, master, 32-37 m, 360°, planforsænket (SnapFit), Wieland gesis® 2 m kabel med 5-pol stik
- SE** Närvarosensor P48LR, DALI-2, master, 32-37 m, 360°, för infälld montering (SnapFit), Wieland gesis® 2 m kabel med 5-poliga kontakter
- NO** Tilstedeværelsessensor P48LR, DALI-2, master, 32-37 m, 360°, til innfelt montering (SnapFit), Wieland gesis® 2 m kabel med 5-polet kontakt
- IT** Rilevatore di presenza P48LR, 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 P48LR, DALI-2, nadrzędny, 32-37 m, 360°, do montażu podtynkowego (SnapFit), kabel 2 m ze złączami 5-biegunowymi Wieland gesis®
- SK** Detektor prítomnosti P48LR, DALI-2, hlavný, 32-37 m, na zapustenú montáž (SnapFit), Wieland gesis® 2 m kábel s 5-pól. konektorm

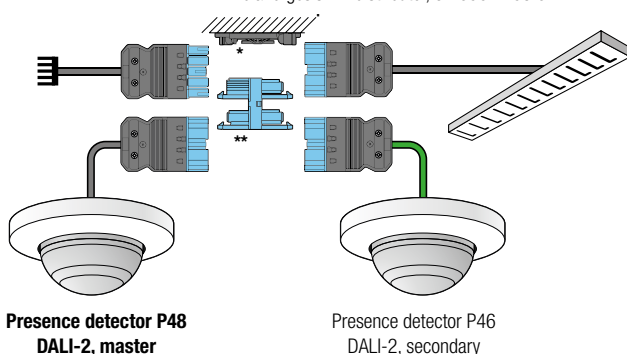
Wiring

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.

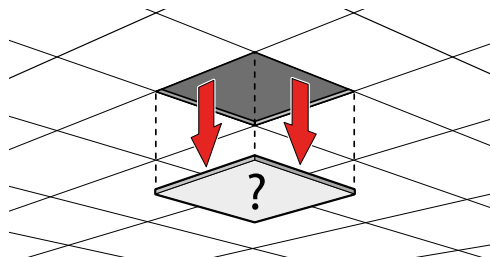
! DALI power – OFF

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



Installation

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

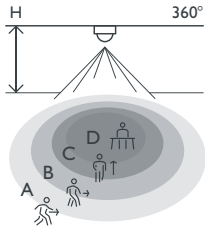


- 1** **NOT REMOVABLE (fixed ceiling)**
Drill a hole with a diameter of $\varnothing 76$ mm.
- 2** Insert the detector into the hole. The depth of the hole should be 9.5 - 40 mm.
- OR**
- 2** **REMOVABLE (suspended ceiling)**
Drill a hole with a diameter of $\varnothing 76$ mm.
- 3 a** Insert the detector into the hole. The depth of the hole should be 0.2 - 9 mm.
- OR**
- 3 b** Insert the detector into the hole. The depth of the hole should be 0.2 - 9 mm.
- 4** **!** DALI power – OFF
- a** Lock the detector into the ceiling.
- b** Lock the detector into the ceiling.
- * optional



Detection area

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



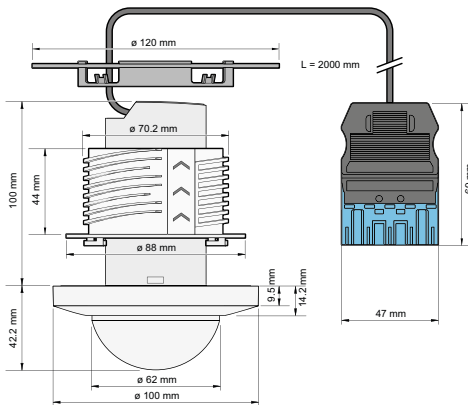
H	A Walking	B Across	C Towards	D Presence
2.5 m	∅ 32 m	∅ 28 m	∅ 10 m	∅ 8 m
3.0 m	∅ 37 m	∅ 30 m	∅ 8 m	∅ 5 m
3.5 m	∅ 48 m	∅ 42 m	∅ 8 m	∅ 6 m

Measured according to EN/IEC63180



Dimensions

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



Specifications

Specificaties / Specifications / Specifikationer / Specifikationer / Specifikasjoner / Specifiche / Specyfikacje / Technické údaje

Installation	DALI-2
Configuration	master / standalone
Mounting height	2 – 3.5 m
Wire capacity	1.5 / 2.5 mm ²
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 colour	black
Length	2 m
Wire cross-section	1.5 mm ²
Voltage	250 V
Rated current	16 A
Halogen free	yes
Ambient temperature	-5 – +70 °C
Type of connector	male, 5-pole, blue

* 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

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**:
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

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