Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, for flush-mounting box, white

353-750021

4 year warranty

This presence detector is a DALI-2 secondary and BMS detector that extends the detection range of a DALI master detector or as part of a BMS system. The detector is specially designed for mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance). If the detector is used as a secondary detector and connected to a DALI bus controlled by a DALI master detector, it will start communicating with this master detector without further commissioning. If it is connected to the DALI bus of a BMS system, the detector needs to be commissioned with the BMS software. The detector's settings can be modified using the Niko detector tool app and 2-way Bluetooth® communication between a smartphone and the detector or using the BMS software.

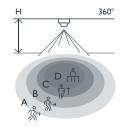
Finishing colour: white

Compatible master detectors: 353-650321, 353-651321, 353-651421, 353-652321, 353-652421, 353-750321, 353-751321, 353-751421, 353-752321, 353-75241, 353-75241, 353-75241, 353-75241, 353-75241, 353-75241, 353-75241, 353-75241, 353-75241

- Easy installation thanks to the direct connection to the DALI bus
- Communication with the master or BMS system via the DALI bus
- Power supply via the DALI bus
- Easy mounting in a standard European-flush mounting box
- Quick cabling using screwless and easily accessible plug-in terminals
- User-friendly app for settings (iOS/Android) or BMS software
- 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:
 - adjustable PIR sensitivity (4 levels) in 3 x 120°
 - one or more PIR segments can be disabled
 - event log keeps track of recent changes
- Settings and configuration can be locked with a PIN-code

niko

Detection range

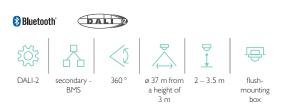


Н	Α	В	С	D
	Walking	Across	Towards	Presence
₹	2	ů,	≙↑	ô
<u></u>	外	.W. ¬	FD T	/
2.5 m	Ø 32 m	Ø 28 m	Ø 10 m	Ø 8 m
3.0 m	Ø 37 m	Ø 30 m	Ø 8 m	Ø 4 m

Measured according to EN/IEC63180







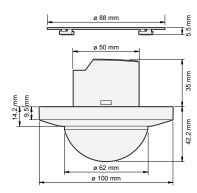
Technical data

Article number	353-750021		
Compatible master detectors	353-650321, 353-651321, 353-651421, 353-652321, 353-652421,		
	353-750321, 353-751321, 353-751421, 353-752321, 353-752421,		
	353-852411		
Input voltage	via the DALI bus		
Detector output	DALI-2		
Maximum current consumption	28.1 mA		
Nominal current consumption (12 V, 25°C), Bluetooth® enabled	8.1 mA		
Nominal current consumption (12 V, 25°C), Bluetooth® disabled	5 mA		
Maximum startup time DALI	<1200 ms		
Maximum PIR detection startup time	1 min 10 s		
Light intensity range	0 lux — 10360 lux		
Detection angle	360 °		
Detection range (PIR)	ø 37 m from a height of 3 m		
Ambient temperature	-25 − +40 °C		
Mounting method	flush-mounting box		
Mounting height	2 - 3.5 m		
Colour	white (approximately RAL 9010)		
Dimensions visible (HxWxD)	$100 \times 100 \times 42.2 \text{ mm}$		
Dimensions (HxWxD)	$100 \times 100 \times 77.2 \text{ mm}$		
Maximum range Bluetooth® (free field, depending on the device)	50 m		
Operating frequency	2.4 GHz		
Maximum radio frequency power	-2 dBm		
Protection degree	IP20		
Impact resistance	IK04		
Modification of settings	Niko detector tool app (iOS-Android) and 2-way Bluetooth®		
	communication - BMS software		
Halogen-free	yes		
Marking	CE		

Accessories

353-991992 Deco ring for flush-mounted P4XLR and M4XLR detectors, black

Dimensions



Wiring diagram

