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Presence detector Mini Standard for KNX



Specification	Order No.	Packing unit	PS	EAN
 white	2221 530	1		4010337129646
 black	2221 550	1		4010337129653

Presence detector for presence monitoring, for motion detection or for monitoring indoors or outdoors.

Features

- With their discreet, flat design and flexible installation concept, presence detector Minis are suitable for use in areas with high architectural requirements. The very flat installation enables unobtrusive integration into the ceiling.
- Flush-mounted installation using clamps on suspended ceilings.
- Flush-mounted installation on stable ceilings in device box in accordance with DIN 49073 using optional accessories.
- Surface-mounted installation in surface-mounted device box (optional accessory).
- Protection type IP44 allows installation outdoors or in moisture-prone areas.
- The colour emphasis of the design rings enables their colours to be adapted to the wall or ceiling.
- Following removal of the design ring, all the operating elements (e.g. the programming button) of the device can be conveniently accessed from the front. This means removal is not necessary for subsequent adjustment or programming via the ETS.
- KNX Secure.
- Sensitivity can be set for each function block.
- Function block switchover.
- Motion status display (blue LED).
- Walking test function.
- Day/night switchover: Many parameters can be set differently for day and night.
- Heartbeat function.
- Many parameters can be changed via a communication object.
- Reset communication object for changeable parameters.
- Can be used as an individual device, main unit, auxiliary unit.
- Scene function for controlling the presence detector Mini via scenes.
- Manual operation (simple and permanent).
- Flexible control modes (Auto/Manual On/Off).
- Activity monitoring by reporting the last movement.
- Switch-off pre-warning.

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- 1 PIR sensor (360°).
- Sensitivity can be set.
- Detection: tangential and radial walking movements, and presence detection.
- Distinction between initial recognition and presence phase.
- Temperature measurement.
- Brightness measurement.
- 3 function blocks.
- 2 outputs per function block.
- 1 brightness limit for triggering switching, dimming and scene commands.

Technical data

KNX medium:	TP256
Mounting height:	2.20 m to 5.0 m
Angle of detection:	360°
Mounting height 3 m	
- Detection range:	Ø approx. 12 m
Brightness sensor	
- Measurement range:	10 to 2000 lx
- Detection range:	5 m Ø
Installation height on ceiling	
- Design ring:	1.25 mm
- incl. lens:	4.8 mm
- Design ringincl. lens:	4.8 mm
Ambient temperature:	-25 °C to +55 °C
Relative humidity:	10 to 100% (no condensation)
Protection class:	IP44
KNX connection:	Connection and junction terminal
Current consumption	
- KNX:	5 to 15 mA
Detection rangeat mounting height 3 m	
- Tangential:	11.3 m
- Radial:	7.0 m
- Presence:	4.2 m
Measurement range	
- Brightness sensor:	10 to 2000 lx
- Temperature sensor:	approx. -20°C to +55°C
Dimensions in mm	
- Ceiling cut-out:	Dia. 44, H 35
- incl. design ring small:	Dia. 53.5, H 38

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Notes

- KNX Data Secure compatible.
- Firmware can be updated using the Gira KNX Service App (additional software).
- Configuration and start-up of the device from ETS 5 version 5.7.7 or higher or ETS 6 version 6.3 or higher (recommended).
- The presence detector Mini is not suitable for alarm messages in VdS-compliant alarm systems.

Scope of supply

- Presence detector Mini.
- Design ring narrow.
- Lens cover.
- Connection terminal for KNX.
- Secure Card.
- Operating instructions.
