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Presence detector Mini Komfort for KNX



Specification	Order No.	Packing unit	PS	EAN
 white	2222 530	1		4010337129660
 black	2222 550	1		4010337129677

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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- 3 PIR sensors (360°, 120° per sector)
- Sensitivity can be set for each PIR.
- Detection: tangential and radial walking movements, presence detection and fine detection.
- Distinction between initial recognition and presence phase.
- Temperature measurement.
- Humidity measurement.
- Dew point determination.
- Brightness measurement.
- 5 function blocks.
- 2 outputs per function block.
- Light control for up to 3 lighting channels.
- Integrated orientation light.
- 3 brightness limits for triggering switching, dimming and scene commands.
- RGB status LED for displaying up to 8 statuses.
- 8 logic functions.

Technical data

KNX medium:	TP256
Mounting height:	2.20 m to 5 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
- Detection range at 3 m:	Dia. approx. 5 m
Installation height on ceiling	
- Design ring:	1.25 mm
- incl. lens:	4.8 mm
Ambient temperature:	-25°C to +55°C
Relative humidity:	10 to 100 % (without condensation)
Protection class:	III
KNX connection:	Connection and junction terminal
Current consumption	
- KNX:	5 to 15 mA
Detection rangeat mounting height 3 m	
- Tangential:	16.80 m
- Radial:	11.90 m
- Presence:	6.50 m
- Fine detection:	4.10 m
Measurement range	
- Brightness sensor:	10 to 2000 lx
- Temperature sensor:	approx. -20°C to +55°C
- Humidity sensor:	10 to 95% rel. humidity
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.
