KNX Presence Detector - Comfort Mini

Specification	Order No.	Packing unit	PS	EAN
	2225 00	1	06	4010337014690

Presence detector for presence monitoring (operating mode: presence detector), for motion detection (operating mode: ceiling observer) or for monitoring with alarm telegrams (operating mode: alarm device) indoors or outdoors. With their subtle and flat design and flexible installation concept, presence detectors Mini are particularly suitable for properties with high architectural demands.

Features

- Extreme flat installation.
- Clamp mounting on suspended ceilings.
- Ceiling mounting on stable ceilings in device box in accordance with DIN 49073 using optional accessories.
- Surface mounting in surface-mounted box (optional accessories).
- Protection type IP44 allows installation outdoors and in humid rooms.
- The colour emphasis of the design rings enables their colours to be adapted to the wall or ceiling.
- When the design ring has been removed, all the operating elements (e.g. the programming button) of the device can be conveniently accessed from the front. Thus, removal is not necessary for subsequent adjustment or programming via the ETS.
- Ceiling-mounted device with integrated KNX bus coupler.
- PIR sensors: three sensors, integrated brightness sensor.
- Sensitivity of the motion detection can be set manually using an adjuster.
- Sensitivity can be configured by ETS.
- Sensitivity adjuster on the device can be deactivated using the software.
- Indication of motion detection (permanent or only during walking test).
- Separate evaluation in the long range of the three PIR sensors with 120° ranges of detection each with overlapping.
- Manual operation using IR remote control.
- A maximum of 5 + 2 function blocks are configurable.
- Functions that can be set for each function block 1 to 5: ceiling observer, presence detector, signal mode.
- Function block 6: presence detector with light control.
- Function block 7: brightness sensor with limit value monitoring.
- Function block changeover, e.g. for day/night mode or weekday/weekend operation.
- Function blocks 1 to 5: individual device, main unit, auxiliary unit can be set.
- Operating modes which can be set for individual device as a main unit: automatic, semi-automatic (manual ON / automatic OFF, or automatic ON / manual OFF).
- Two outputs per function block (1 to 5) for function ceiling observer, presence detector.
- Functions of ceiling observer, presence detector per output: switching, staircase function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode.

Illustrations are similar and may deviate from originals.

- Ceiling observer, presence detector: dusk stage can be set via external communication object or per teach-in, additional transmission delay via external communication object, self-teaching additional transmission delay (adaptive delay time), short-term presence function, feedback of dusk stage, block function, manual operation using pushbutton sensor (separate communication object), switch-off brightness (for presence detectors) via teach-in, measurement of time period after last motion.
- Function of presence detector with light control: combination with function block of presence detector or individual device, setpoint value can be set, setpoint value specified via external communication object, setpoint offset via external communication object, teach-in function, feedback of the effective setpoint value.
- Function of brightness sensor with limit value monitoring: up to three limit values are configurable, functions of switching, dimming value transmitter, light scene auxiliary unit, configurable hysteresis, limit value via external communication object or teach-in, block function.

Technical data

Motion detection
- Angle of detection: 360°
- Range: approx. 12 m Ø (installation height 3 m)

Brightness sensor
- Measurement range: 10 to 2000 lx
- Range of detection: 5 m Ø

Ambient temperature: -25 °C to +55 °C

Relative humidity: 10 to 100% (without condensation)

Protection type: IP44

Protection class: III

KNX
- Connection: Connection and junction terminal

Installation depth:

Scope of supply

- Small design ring is included in the scope of supply.
- KNX connection and junction terminal included in the scope of supply.

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