

PSE-PMC06.01S

KNX Micro Presence Detector 360°, 1 sensor, Secure, black



Product description:

KNX Micro Presence Detector 360° with integrated temperature sensor for precise room monitoring. The small and discreet presence detector detects movements within a diameter of 7 metres. Suitable for installation in suspended ceilings. Equipped with KNX Data Secure and extensive configuration options.

Product functions:

- **With temperature sensor to measure room temperature**
- With brightness sensor
- **Range: Ø 7 m**
- 1 HVAC- and 1 Alarm-/ message object
- **Short-term presence to reduce the follow up time**
- Input for external Push-button with release time
- **Intelligent toggle function for automatic and manual operation**
- Blocking- and forced operation with release time
- Extensive day/night function with a second switching object
- Flush installation, drilling diameter: 18 mm
- Installation dept: 70 mm
- **KNX Data Secure**, integrated Bus coupler

Technical data:

| | | |
|---------------------------------|-----------------------------------|---------------------------------|
| Device | Device type | PSE Presence Detector |
| | Article Number | PSE-PMC06.01S |
| | EAN / GTIN | 4251916113964 |
| | Colour | Black |
| | Diameter | 22.5 mm |
| | Depth | 80.4 mm |
| | Weight, gross (incl. packaging) | 0.045 kg |
| | Protection classification | IP20 |
| | Installation type | Flush mounted ^{*1} |
| | Drilling diameter | 18 mm |
| | Recommended installation height | 3 m ^{*2} |
| | Installation position | vertical |
| | Weight, net | 0.018 kg |
| | Inputs | Number of sensors |
| Dynamic range | | 5 ... 1000 Lux |
| Range Ø | | 7 m ^{*3} |
| Horizontal angle of coverage | | 360° |
| KNX | Nominal voltage KNX | 30 V DC SELV |
| | Voltage range KNX | 21 ... 31 V DC SELV |
| | Typical power consumption KNX bus | < 0,3 W |
| | KNX Medium | TP-256 with long frame support |
| | KNX Application | as of ETS 5 (latest) |
| | KNX Secure | KNX Data Secure |
| Environmental conditions | Ambient operating temperature | 0 ... 45 °C |
| | Storage | -20 ... +55 °C |
| | Humidity | < 95 % |
| | Condensation permissible | No |
| Connections | Temperature sensor | Integrated |
| | KNX connection type | KNX terminal |
| | KNX cable cross section | 0.6 ... 0.8 mm, solid conductor |

^{*1} Retaining springs to allow for installation in hollow ceilings.

^{*2} Up to a maximum of 5 m. The mounting height affects the range of the presence detector.

^{*3} At an installation height of 3 m.

Wiring diagram:



Dimensional drawing:

