PSE-PMC01.01S

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

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
- Integrated Bus coupler, **KNX Data Secure**
- 3 year warranty

Technical data:

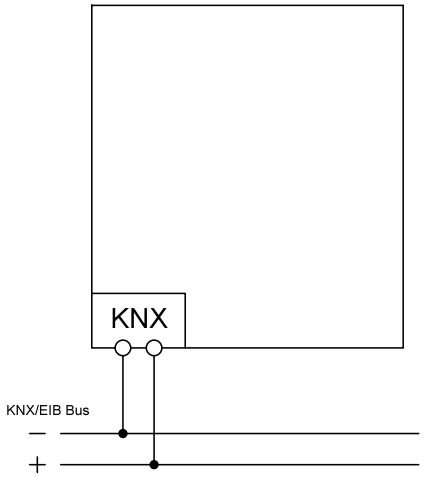
Device	Device type	PSE Presence Detector
	Article Number	PSE-PMC01.01S
	EAN / GTIN	4251916113957
	Colour	White
	Diameter	22.5 mm
	Depth	80.4 mm
	Weight, gross (incl. packaging)	0.045 kg
	Protection classification	IP20
	Installation type	Flush mounted *1
	Drilling diameter	18 mm
	Recommended installation height	3 m *2
	Installation position	vertical
	Weight, net	0.018 kg
Inputs	Number of sensors	1
	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
	KNX Secure: Encrypted group addresses	255
	KNX Secure: Number of communication partners	320
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.

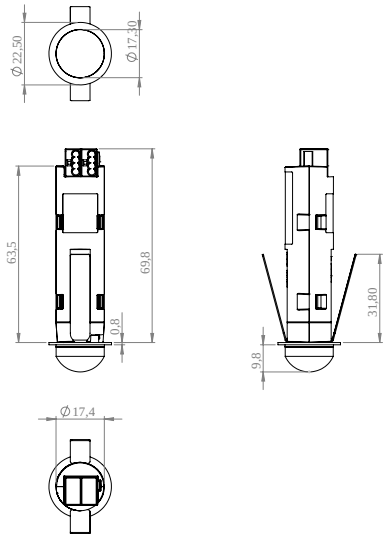
*2 Up to a maximum of 5 m. The mounting height affects the range of the presence detector.

*3 At an installation height of 3 m.

Wiring diagram:



Dimensional drawing:



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