PSE-BWML01.01S

KNX Micro Motion Detector, Secure, white

Product description:

The KNX micro motion detector detects movement within a vertical detection angle of 35° and a range of 5 m. It is designed for hollow wall mounting and equipped with a brightness and temperature sensor. With KNX Data Secure.

Product functions:

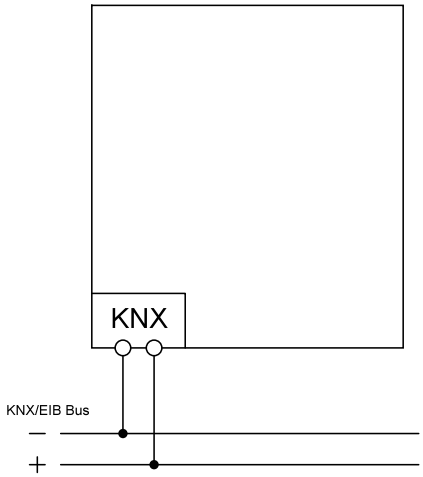
- **With temperature sensor to measure room temperature**
- With brightness sensor
- **Detection angle H 150° / V 35°, range 5 m**
- 1 HVAC- and 1 Alarm-/ message object
- **Short-term presence to reduce the follow up time**
- Suitable for master/slave operation
- External Push-button input for automatic and manual operation
- Blocking- and forced operation with release time
- Recommended installation height: 0.3 ... 1.20 m
- Integrated Bus coupler, **KNX Data Secure**
- 3 year warranty

Technical data:

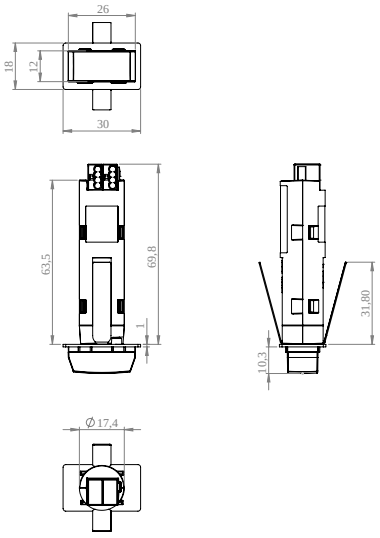
Device	Device type	PSE Motion detector
	Article Number	PSE-BWML01.01S
	EAN / GTIN	4251916113971
	Colour	White
	Dimensions (H x W x D)	30 x 18 x 81 mm
	Weight, gross (incl. packaging)	0.045 kg
	Protection classification	IP20
	Installation type	Flush mounted *1
	Drilling diameter	18 mm
	Weight, net	0.018 kg
Inputs	Number of sensors	1
	Dynamic range	5 ... 1000 Lux
	Range Ø	10 m
	Horizontal angle of coverage	150°
	vertical angle of coverage	35°
	Adjustable sensitivity	10 steps
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	KNX connection type	Pluggable screw terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

*1 Retaining springs to allow for installation in hollow walls.

Wiring diagram:



Dimensional drawing:



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