

Presence detector

## True Presence

KNX - Concealed wiring

EAN 4007841056339



### Function description

The world's first true presence detector! No unnecessary stay-ON times any more – no unnecessary electricity costs. Precision high-frequency measurement of the surrounding area provides 100 per-cent reliable detection. The True Presence detector reliably identifies whether persons are present or absent over an area of 64 m<sup>2</sup> – on the basis of the body's micro movements as well as human vital functions, such as breathing in and out, or shoulder movement. The new standard in building automation.

### Technical specifications

Type	Presence detector
Dimensions (L x W x H)	103 x 103 x 32 mm
Power supply, detail	KNX bus
Sensor Technology	High frequency
Application, place	Indoors
Application, place, room	One-person office, classroom, Open-plan office, high-bay warehouse, conference room, sports hall, washroom, wc, warehouse
Type of installation	Concealed wiring
HF-system	7,2 GHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	2,00 – 12,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Angle of aperture	360 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Reach, radial	Ø 15 m (177 m <sup>2</sup> )

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Reach, tangential	Ø 15 m (177 m <sup>2</sup> )
Reach, presence	Ø 15 m (177 m <sup>2</sup> )
True Presence reach	Ø 9 m (64 m <sup>2</sup> )
Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	0 – 1092 min
KNX functions	Direction of movement, Distance, Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Air pressure, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, VOC
With bus coupling	Yes
With remote control	No
Interconnection	Yes
IP rating	IP20
Material	Plastic
Ambient temperature	0 – 40 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - Concealed wiring
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