

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 m² – 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 ²)

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Reach, tangential	Ø 15 m (177 m ²)
Reach, presence	Ø 15 m (177 m ²)
True Presence reach	Ø 9 m (64 m ²)
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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