

# True Presence

KNX - Concealed wiring  
EAN 4007841 056339



high frequency  
sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9  
m



brightness



air humidity



temperature



KNX



2 - 12 m



2 - 2000 lux

## 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.

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## Technical specifications

Type	Presence detector
Dimensions (L x W x H)	31 x 103 x 103 mm
Power supply, detail	KNX bus
Sensor Technology	High frequency
Application, place	Indoors
Application, place, room	classroom, lecture hall, one-person office, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, hotel room, care room, duty room, recreation room, dining hall / staff restaurant, changing room, kitchenette, sports hall, reception / lobby, WC / washroom, warehouse, Indoors
Installation site	ceiling
Installation	Concealed wiring
HF-system	7,2 GHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	2 – 12 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> )
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	30 s – 1092 Min.
Basic light level function	Yes
KNX functions	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
With bus coupling	Yes
Settings via	ETS software, Bluetooth, Bus
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
PU1, EAN	4007841056339

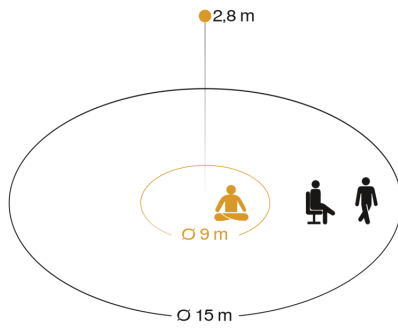
## Accessories

EAN 4007841 063887      Surface-mounting adapter for True Presence KNX

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## Detection Zone



Mögliche Montagehöhe: 2,00 m – 12,00 m  
Orange: True Presence  
Schwarz: Bewegung und Präsenz

## Dimension Drawing

