

Presence detector - Professional Line

# True Presence

V3.0 KNX - concealed black

EAN 4007841 068516

Article number 068516



high frequency  
sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9  
m



air humidity



temperature



KNX



2 - 12 m



30 sec - 1092 min



IP20

## 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

Dimensions (L x W x H)	32 x 103 x 103 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	ETS software, Bluetooth, Bus
With remote control	Nein
Version	KNX - concealed black
PU1, EAN	4007841068516
Type	Presence detector
Application, place	Indoors
Application, 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
Colour	black
Colour, RAL	9005
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling
IP-rating	IP20
Ambient temperature	0 – 40 °C
Material	Plastic
With bus coupling	Yes
Sensor Technology	High frequency
Mounting height	2,00 – 12,00 m
Mounting height max.	12,00 m

Optimum mounting height	2,8 m
HF-system	7,2 GHz
Detection	also through glass, wood and stud walls
Detection angle	360 °
Angle of aperture	160 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	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> )
Transmitter power	
Time setting	30 s – 1092 Min.
Main light adjustable	0 - 100 %
Twilight setting TEACH	No
Constant-lighting control	Yes
KNX functions	Basic light level function, HVAC output, Light output 4x, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, Logic gate
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus

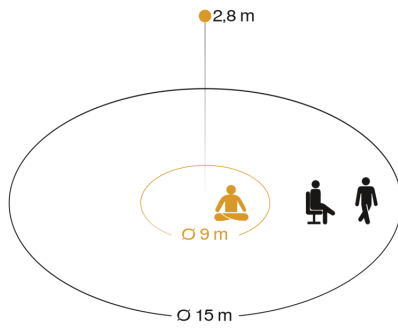
## Accessories

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

