

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



10 sec - 30 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 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. Light measurement is not possible with the black sensors. An external light meter must be integrated via Bluetooth or KNX for this purpose.

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	No
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

Montagehöhe max. True Presence Erfassung	4,00 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 ²)
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)
Transmitter power	< 1 mW

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Technical specifications

Colour	black
Colour, RAL	9005
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling
IP-rating	IP20
Ambient temperature	from 0 up to 40 °C
Material	Plastic
With bus coupling	Yes
Technology, sensors	High frequency
Mounting height	2,00 – 12,00 m
Mounting height max.	12,00 m
Optimum mounting height	2,8 m

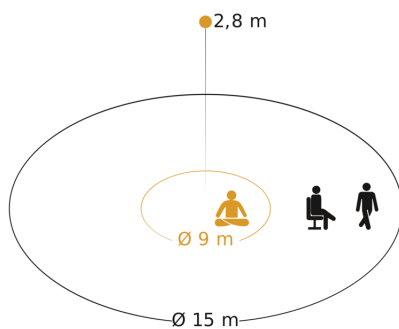
Time setting	30 s – 1092 Min.
Main light adjustable	0 - 100 %
Twilight setting TEACH	No
Constant-lighting control	Yes
KNX functions	Basic light level function, HVAC output, Light output 4x, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, Logic gate
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus
Product category	Presence detector

Accessories

EAN 4007841 086039

Surface-mounting adapter for True Presence KNX

Detection Zone



Possible mounting height: 2,00 m - 12,00 m
 Orange: True Presence
 Black: movement and presence

Dimension Drawing

