

Multisensor True Presence KNX

V3.0 black

EAN 4007841 086060

Article number 086060

high frequency
sensor 360°

Movement Ø 15 m



Presence Ø 15 m

True Presence Ø 9
m

air humidity



air pressure

CO₂

temperature



VOC



KNX

Function description

6 senses for intelligent buildings. Besides human presence, Multisensor True Presence® KNX also makes it possible to measure room temperature, humidity, air quality, volatile organic compounds (VOC) and CO₂. Nothing remains hidden from the Multisensor True Presence® KNX. Result: better efficiency, better health, better safety and better comfort. 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)	33 x 123 x 123 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	ETS software, Bluetooth, Bus
With remote control	No
Version	black
PU1, EAN	4007841086060
Type	Presence detector
Application, place	Indoors
Application, room	classroom, lecture hall, one-person office, open-plan office, conference room / meeting room, hotel room, care room, duty room, recreation room, sports hall, reception / lobby, Indoors
Colour	black
Colour, RAL	9010
Includes corner wall mount	No

Optimum mounting height	2,8 m
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)

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Technical specifications

Installation site	ceiling
Installation	Concealed wiring, Ceiling
IP-rating	IP20
Ambient temperature	0 – 40 °C
Material	Plastic
Mains power supply	30 V
Power consumption	1 W
Power supply, detail	KNX bus
With bus coupling	Yes
Technology, sensors	CO2, High frequency, Air pressure, Air humidity, Temperature, VOC
Mounting height	2,00 – 12,00 m
Mounting height max.	12,00 m

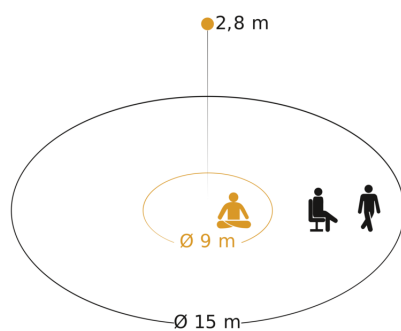
Transmitter power	< 1 mW
Time setting	30 s – 1092 Min.
Basic light level function	Yes
Main light adjustable	0 - 100 %
Twilight setting TEACH	No
Constant-lighting control	Yes
KNX functions	Comfort, CO2, Basic light level function, HVAC output, Constant-lighting control, Light output 4x, Air pressure, Humidity output, Presence output, Day / night function, Dewpoint, VOC, Temperature output, Logic gate
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus
Rated current	40 mA

Accessories

EAN 4007841 086022

Surface-mounting adapter for Multisensor

Detection Zone



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

Dimension Drawing

