True Presence Multisensor Aerosol KNX

V3.0
EAN 4007841 079208
Article number 079208

high frequency sensor 360°	Movement Ø 15 m	Presence Ø 15 m	True Presence Ø 9 m	air humidity	air pressure	brightness	CO2	temperature	VOC

Function description

For measurably healthy indoor air. The True Presence® Multisensor Aerosol KNX detects human presence and measures light level, room temperature, humidity, air quality, volatile organic compounds (VOC) and CO2. For the first time, this can be used as the basis for identifying and displaying a potential risk of infection as a communication object for KNX. Result: better health, better safety, better efficiency and better comfort.

Technical specifications

Dimensions (L x W x H)	123 x 123 x 33 mm	HF-system	7,2 GHz
With motion detector	Yes	Detection	also through glass, wood and stud walls
Manufacturer's Warranty	5 years	Detection angle	360 °
Settings via	ETS software, Bluetooth, Bus	Angle of aperture	160 °
With remote control	No	Sneak-by guard	Yes
PU1, EAN	4007841079208	Capability of masking out individual segments	No
Type	Presence detector	Electronic scalability	Yes
Application, place	Indoors	Mechanical scalability	No
Application, room	classroom, conference room / meeting room, one-person office, recreation room, duty room, open-plan office, hotel room, lecture hall, kitchenette, Indoors	Reach, radial	Ø 15 m (177 m²)
		Reach, tangential	Ø 15 m (177 m²)
		Reach, presence	Ø 15 m (177 m²)
Colour	white	True Presence reach	Ø 9 m (64 m²)
Colour, RAL	9003	Transmitter power	< 1 mW
Includes corner wall mount	No	Twilight setting	2 – 1000 lx
Installation site	ceiling	Time setting	30 s – 1092 Min.
Installation	Concealed wiring, Ceiling	Basic light level function	Yes

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IP-rating	IP20	Main light adjustable	0 - 100 %
Ambient temperature	from 0 up to 40 °C	Twilight setting TEACH	Yes
Material	Plastic	Constant-lighting control	Yes
Mains power supply	30 V		
Power consumption	1 W	KNX functions	Risk of infection, Udes air, Comfort, CO2, Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Logic gate, Air pressure, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, VOC
Power supply, detail	KNX bus		
With bus coupling	Yes		
Technology, sensors	CO2, High frequency, Air pressure, Air humidity, Temperature, VOC, Light sensor		
Mounting height	2 – 12 m		
Mounting height max.	12,00 m	Interconnection	Yes
Optimum mounting height	2,8 m	Type of interconnection	Master/master, Master/slave
Montagehöhe max. True Presence Erfassung	4,00 m	Interconnection via	KNX bus
		Rated current	40 mA
		Product category	Multisensor

Accessories

EAN 4007841 063870	Surface-mounting adapter for Multisensor

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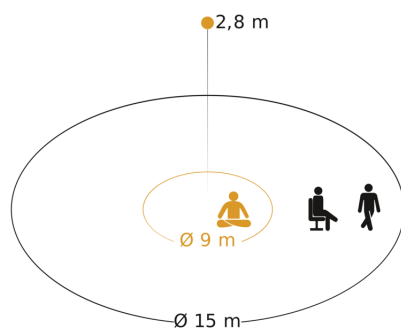
Possible mounting height: 2,00 m – 12,00 m
Orange: True Presence
Black: movement and presence

Dimension Drawing