

Multisensor True Presence

V2 DALI-2 Input Device - concealed
 EAN 4007841 081829
 Article number 081829



high frequency
sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9
m



air humidity



air pressure



brightness



CO2



Temperatur



VOC

Function description

Presence detector and air quality sensor in award-winning design with patented True Presence technology. Digitally adjustable detection and setting via the latest Bluetooth Mesh standard. DALI-2 input device (230 V power supply) transmits the collected sensor data to higher-level building management systems. Data collection on temperature, humidity, air pressure, CO2 and volatile organic compounds (VOC). Now with additional measurement of the noise level. Easy-to-install plug-in system with magnetic connection, integrated RGB LED traffic light and signal tone for visualising the room climate.

Technical specifications

Dimensions (L x W x H)	51 x 123 x 123 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Smartphone, Tablet, Connect Bluetooth Mesh, App, Bus
With remote control	No
Version	DALI-2 Input Device - concealed
PU1, EAN	4007841081829
Type	Presence detector
Application, place	Indoors
Application, room	open-plan office, hotel room, classroom, conference room / meeting room
Colour	white
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring

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 °
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ø 15 m (177 m²)
Reach, tangential	Ø 15 m (177 m²)
Reach, presence	Ø 15 m (177 m²)
True Presence reach	Ø 9 m (64 m²)
Transmitter power	< 10 mW

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Technical specifications

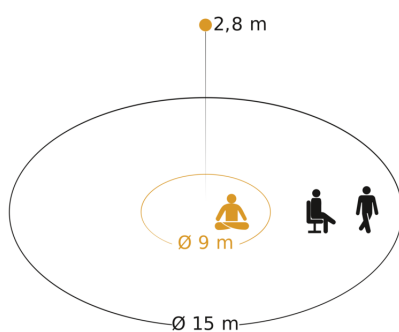
IP-rating	IP20
Ambient temperature	0 – 50 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Power consumption	1 W
SteuerAusgang, Dali	Addressable/slave
Technology, sensors	Light sensor, High frequency, Air humidity, Air pressure, Temperature, VOC, Noise level, CO2
Mounting height	2 – 12 m
Mounting height max.	12,00 m

Functions	Motions sensor, Light sensor
Twilight setting	2 – 2000 lx
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Interconnection	Yes
Interconnection via	DALI bus, Bluetooth Mesh Connect
Max. Current consumption according to IEC 62386-101	2 mA

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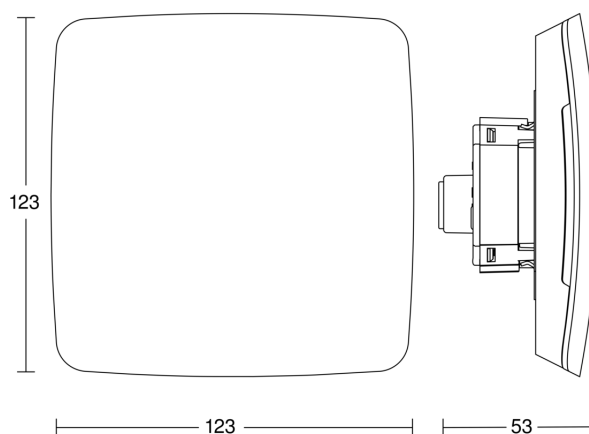
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Detection Zone



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

Dimension Drawing



Circuit diagram

