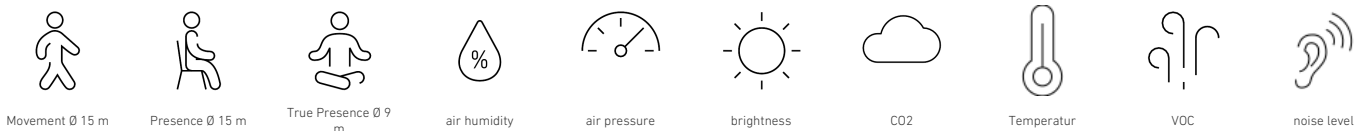


Multisensor True Presence

V2 BT IPD - surface
EAN 4007841 084110
Article number 084110



Function description

Presence detector and air quality sensor in award-winning design. Digitally adjustable detection and setting via the latest Bluetooth Mesh standard. Data collection on temperature, humidity, air pressure, CO₂ and volatile organic compounds (VOC). Additional measurement of the noise level and the aerosol load for all interfaces except KNX.

Technical specifications

| | | | |
|----------------------------|---|---|---|
| Dimensions (L x W x H) | 45 x 142 x 142 mm | Mounting height max. | 12,00 m |
| With motion detector | Yes | Optimum mounting height | 2,8 m |
| Manufacturer's Warranty | 5 years | Montagehöhe max. True Presence Erfassung | 4,00 m |
| Settings via | Smartphone, Tablet, Connect Bluetooth Mesh | HF-system | 7,2 GHz |
| With remote control | No | Detection | also through glass, wood and stud walls |
| Version | BT IPD - surface | Detection angle | 360 ° |
| PU1, EAN | 4007841084110 | Angle of aperture | 160 ° |
| Type | Presence detector | Capability of masking out individual segments | No |
| Application, place | Indoors | Electronic scalability | Yes |
| Application, room | open-plan office, hotel room, classroom, conference room / meeting room | Mechanical scalability | No |
| Colour | white | Reach, radial | Ø 15 m (177 m ²) |
| Includes corner wall mount | No | Reach, tangential | Ø 15 m (177 m ²) |
| Installation site | ceiling | Reach, presence | Ø 15 m (177 m ²) |
| Installation | Surface wiring | True Presence reach | Ø 9 m (64 m ²) |
| IP-rating | IP20 | Transmitter power | < 10 mW |

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Technical specifications

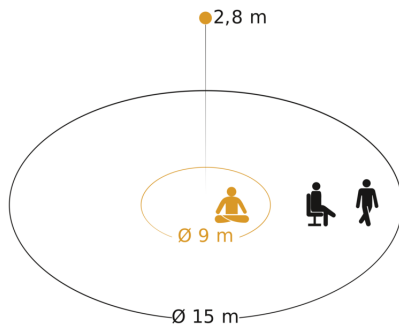
| | |
|---------------------|--|
| Ambient temperature | 0 – 50 °C |
| Material | Plastic |
| Mains power supply | 50 – 60 Hz |
| Power consumption | 1 W |
| Technology, sensors | Light sensor, High frequency, Air humidity, Air pressure, Temperature, VOC, Noise level, CO2 |
| Mounting height | 2 – 12 m |

| | |
|---------------------------|------------------------|
| Twilight setting | 2 – 2000 lx |
| Main light adjustable | Yes |
| Twilight setting TEACH | Yes |
| Constant-lighting control | No |
| Interconnection | Yes |
| Interconnection via | Bluetooth Mesh Connect |

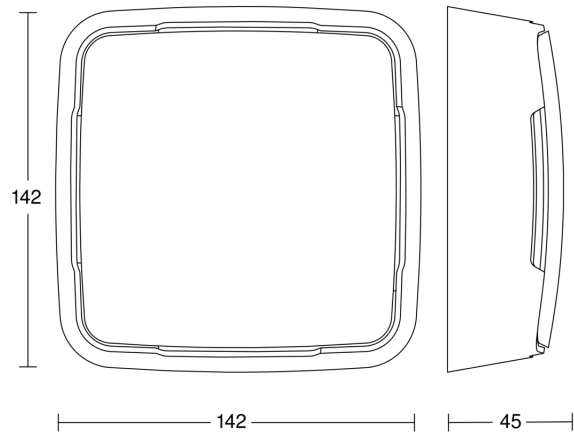
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Detection Zone



Dimension Drawing



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

Circuit diagram

