# Multisensor True Presence DALI-2 Input Device - surface

**MULTISENSOR**

EAN 4007841081812
E-Nr. 535900048

- In our product portfolio of presence detectors with the most detection sizes
- Focus application: school, office
- Easy-to-install plug-in system with magnetic connection, integrated RBG LED traffic light and signal tone for visualising the room climate
- Digitally adjustable detection of true presence in award-winning design
- Additionally with DALI-2 IPD interface: noise level and aerosol measurement
- Interface-dependent additional calculated values such as infection risk

steinel

45 x 142 x 142 mm



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# Technical Data

## IDENTIFICATION

| | |
|---|---|
| Version | Presence detector |

## DIMENSIONS

| | |
|---|---|
| Dimensions L × W × H | 45 x 142 x 142 mm |

## ELECTRICAL

| | |
|---|---|
| Mains connection | 220 – 240 V / 50 – 60 Hz |
| Own consumption | 1 W |
| Control output DALI | Addressable/slave |

## SENSOR TECHNOLOGY

| | |
|---|---|
| Max. mounting height | 12,00 m |
| Sensor technology | High frequency |
| Transmission power | < 10 mW |
| HF technology | 7,2 GHz |
| With motion detector | Yes |
| Detection | also through glass, wood and stud walls |
| Detection angle | 360 ° |
| Opening angle | 160 ° |
| Sneak-under protection | Yes |
| Segment-by-segment masking | No |
| Electronic scalability | Yes |
| Mechanical scalability | No |
| Radial range | Ø 15 m (177 m²) |
| Tangential range | Ø 15 m (177 m²) |
| Mounting height | 2 – 12 m |
| Presence range | Ø 15 m (177 m²) |
| True Presence range | Ø 9 m (64 m²) |
| Optimal mounting height | 2,8 m |

## CONNECTIVITY

| | |
|---|---|
| Networking | Yes |
| With bus coupler | Yes |
| Control technology | Steinel Connect |
| Wireless networking via | BT Open Mesh |
| Networking via | DALI 2 |

## LIGHTING TECHNOLOGY

| | |
|---|---|
| Continuous light | selectable |

## SETTINGS

| | |
|---|---|
| Twilight switch | No |
| Twilight setting | 2 – 2000 lx |
| Base light function | No |
| Main light adjustable | No |
| Functions | Motions sensor Light sensor |
| Settings via | Smartphone Tablet Bluetooth Mesh App Bus |
| With remote control | No |
| Twilight setting teach | No |

## HOUSING & MATERIAL

| | |
|---|---|
| Protection class (IP) | IP20 |
| Ambient temperature | from 0 up to 50 °C |
| Housing material | Plastic |
| Mounting location | ceiling |
| Application location | Indoors |
| Mounting type | Surface wiring |
| Material | Plastic |
| Application room | classroom conference room / meeting room hotel room open-plan office |
| Colour | white |
| RAL colour | 9003 |

## SCOPE OF DELIVERY & WARRANTY

| | |
|---|---|
| Manufacturer warranty | 5 years |
| Corner wall bracket included | No |

## CERTIFICATES & EPREL

| | |
|---|---|
| Certificates | DALI-2 |

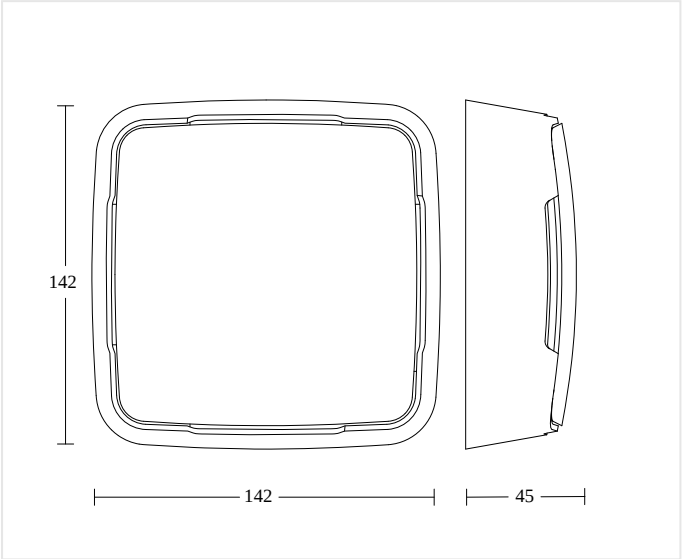
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## Illustrations

### TECHNICAL DRAWINGS




45 x 142 x 142 mm

### MOUNTING HEIGHT

| 2 – 12 m | 2,8 m | 12,00 m |
|---|---|---|
| BEREICH | OPTIMAL | MAX |

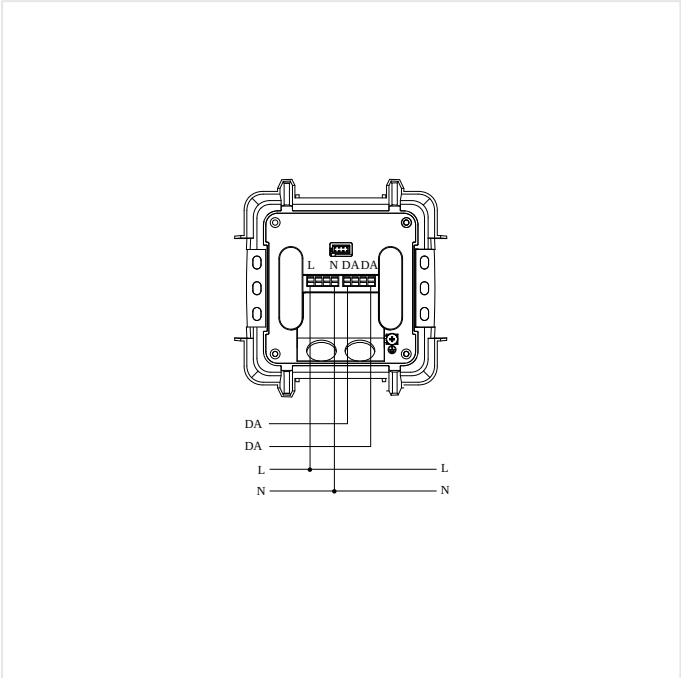
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## Wiring Diagrams

### WIRING DIAGRAM 1




Circuit diagram

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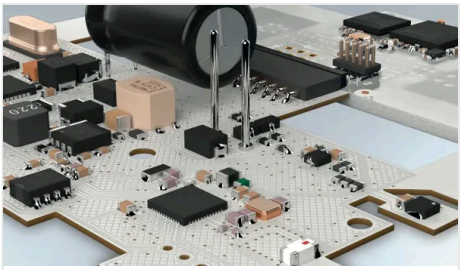
## Highlights




UV-resistant plastic



Interconnectable and adjustable via Bluetooth



Digital high frequency sensor




Visual and auditory signal on room climate

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## Accessories

### ORDERING INFORMATION

| | |
|---|---|
| Art.-Nr. | 081812 |
| EAN | 4007841081812 |
| E-Number | 535900048 |

Typ **Multisensor True Presence DALI-2 Input Device - surface**

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