

# Multisensor True Presence BT IPD - surface



## MULTISENSOR

EAN 4007841084110

- 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 RGB LED traffic light and signal tone for visualising the room climate
- Digitally adjustable detection of true presence in award-winning design
- Additionally with BT IPD interface: noise level and aerosol measurement
- Interface-dependent additional calculated values such as infection risk

45 x 142 x 142 mm



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Technical Data

| IDENTIFICATION          |                                            |                                              |                                         | SETTINGS                     |                                                                      |
|-------------------------|--------------------------------------------|----------------------------------------------|-----------------------------------------|------------------------------|----------------------------------------------------------------------|
| PU1 EAN                 | 4007841084110                              | With motion detector                         | Yes                                     | Twilight switch              | Yes                                                                  |
| Material number         | 110085689                                  | Detection                                    | also through glass, wood and stud walls | Twilight setting             | 2 – 2000 lx                                                          |
| SAP designation         | MULTISENSOR TP V2 BT-IPD AP WS             | Detection angle                              | 360 °                                   | Main light adjustable        | Yes                                                                  |
| Version                 | Presence detector                          | Opening angle                                | 160 °                                   | Settings via                 | Smartphone Tablet Bluetooth Mesh                                     |
| Product name data sheet | Multisensor True Presence BT IPD - surface | Sneak-under protection                       | Yes                                     | With remote control          | No                                                                   |
| Product category        | Multisensor                                | Segment-by-segment masking                   | No                                      | Twilight setting teach       | Yes                                                                  |
| Discount group          | TP                                         | Electronic scalability                       | Yes                                     | HOUSING & MATERIAL           |                                                                      |
| Source                  | Steinel Excel                              | Mechanical scalability                       | No                                      | Protection class (IP)        | IP20                                                                 |
| Product status          | Normal                                     | Radial range                                 | Ø 15 m (177 m²)                         | Ambient temperature          | from 0 up to 50 °C                                                   |
| Manufacturer            | Steinel                                    | Tangential range                             | Ø 15 m (177 m²)                         | Housing material             | Plastic                                                              |
| DIMENSIONS              |                                            | Mounting height                              | 2 – 12 m                                | Mounting location            | ceiling                                                              |
| Dimensions L × W × H    | 45 x 142 x 142 mm                          | Presence range                               | Ø 15 m (177 m²)                         | Application location         | Indoors                                                              |
| PU1 net weight          | 0.255                                      | True Presence range                          | Ø 9 m (64 m²)                           | Mounting type                | Surface wiring                                                       |
| ELECTRICAL              |                                            | Optimal mounting height                      | 2,8 m                                   | Material                     | Plastic                                                              |
| Mains connection        | 50 – 60 Hz                                 | Max. mounting height True Presence detection | 4,00 m                                  | Application room             | open-plan office hotel room classroom conference room / meeting room |
| Own consumption         | 1 W                                        | Nevalux sensor technology                    | BT Open Mesh                            | Colour                       | white                                                                |
| SENSOR TECHNOLOGY       |                                            | CONNECTIVITY                                 |                                         | RAL colour                   | 9003                                                                 |
| Max. mounting height    | 12,00 m                                    | Networking                                   | Yes                                     | SCOPE OF DELIVERY & WARRANTY |                                                                      |
| Sensor technology       | High frequency                             | Networking via                               | Bluetooth Mesh                          | Manufacturer warranty        | 5 years                                                              |
| Transmission power      | < 10 mW                                    | LIGHTING TECHNOLOGY                          |                                         | Corner wall bracket included | No                                                                   |
| HF technology           | 7,2 GHz                                    | Continuous light                             | selectable                              |                              |                                                                      |
|                         |                                            | Constant light regulation                    | No                                      |                              |                                                                      |

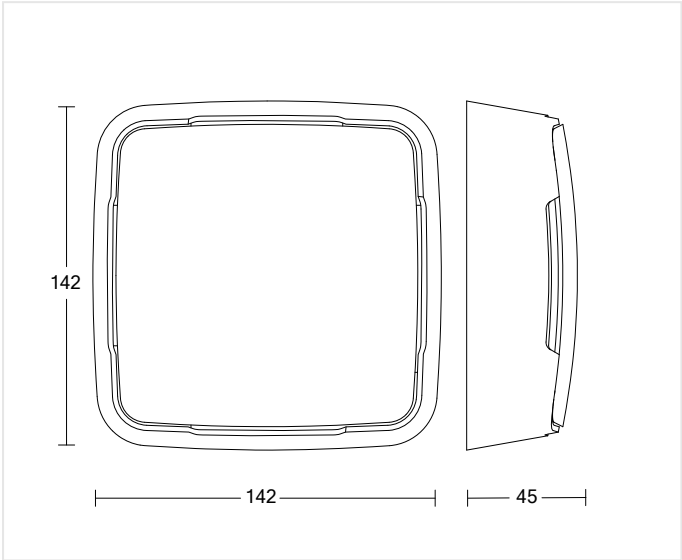
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Illustrations

TECHNICAL DRAWINGS



45 x 142 x 142 mm

MOUNTING HEIGHT

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

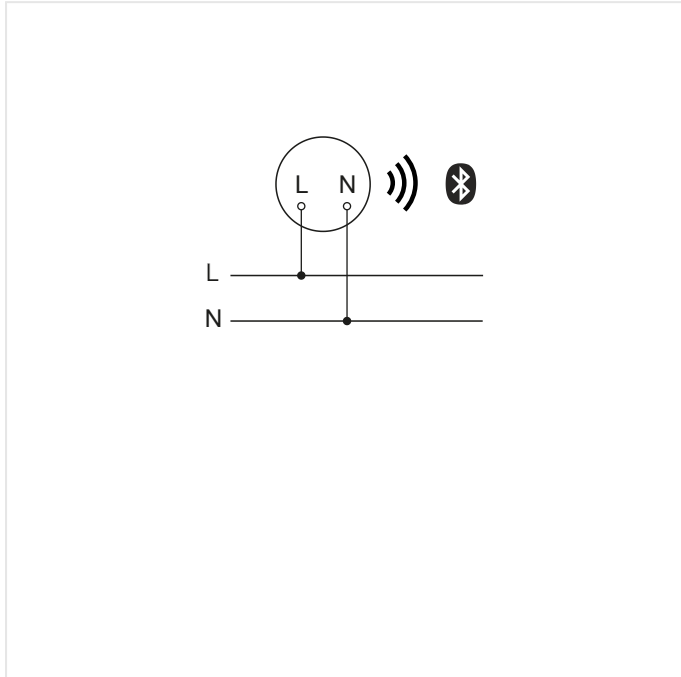
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## Wiring Diagrams

### WIRING DIAGRAM 1



Circuit diagram

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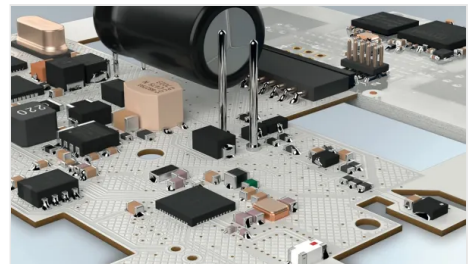
## Highlights



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. 084110

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Typ **Multisensor True Presence BT IPD - surface**

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lux**

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