

Multisensor True Presence IP - surface

neva
lux

MULTISENSOR

EAN 4007841081850

E-Nr. 535900049

- 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
- Measurement of brightness, temperature, humidity, CO₂, VOC, air pressure, noise level
- Interface-dependent additional calculated values such as infection risk

 **steinel**

142 x 142 x 45 mm



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Technical Data

IDENTIFICATION	
Version	Presence detector
DIMENSIONS	
Dimensions L x W x H	142 x 142 x 45 mm
ELECTRICAL	
Own consumption	1 W
Supply voltage detail	Passive PoE SELV, standard PoE (IEEE 802.3 af)
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
Networking via	Bluetooth Mesh
With bus coupler	Yes
LIGHTING TECHNOLOGY	
Continuous light	selectable
SETTINGS	
Twilight switch	Yes
Twilight setting	2 – 2000 lx
Main light adjustable	Yes
Functions	Motions sensor Light sensor

Settings via	Bluetooth Mesh Web-Interface
With remote control	No
Twilight setting teach	Yes
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

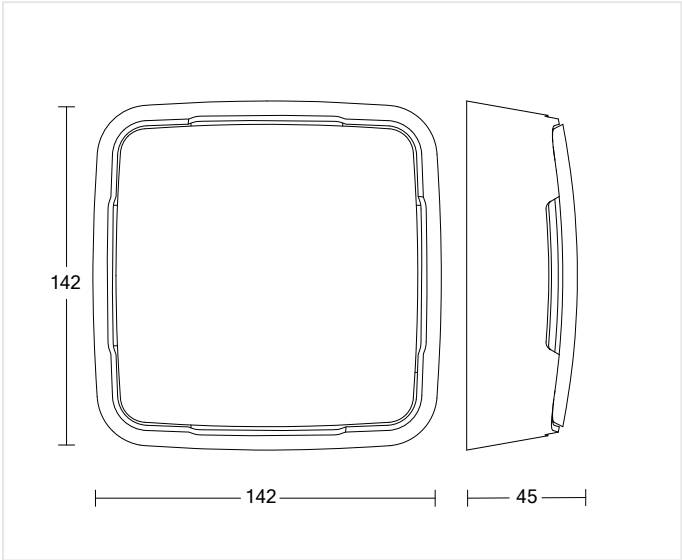
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Illustrations

TECHNICAL DRAWINGS



142 x 142 x 45 mm

MOUNTING HEIGHT

2 – 12 m BEREICH	2,8 m OPTIMAL	12,00 m MAX
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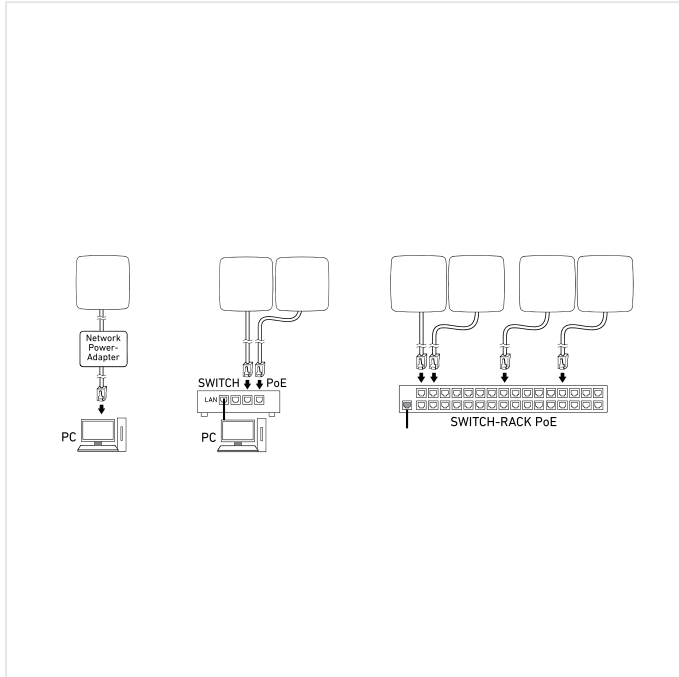
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Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram

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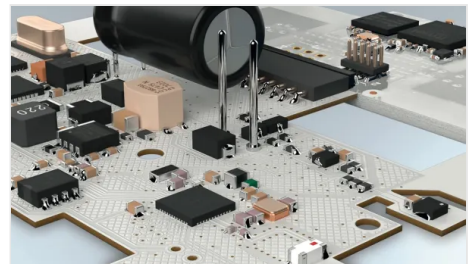
Highlights



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.	081850
EAN	4007841081850
E-Number	535900049
Typ	Multisensor True Presence IP - surface

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