

HPD3

IP - concealed
 EAN 4007841 067304
 Article number 067304



- optical sensor 110°
- max. 10 m
- air humidity
- brightness
- movement
- number of people
- presence
- temperature
- VOC
- CO2

Function description

Next Level Sensor Technology. The HPD3 is designed for ceiling mounting and detects the presence of people in the room, counts and locates them within flexibly definable detection zones. The optical sensor HPD3 offers the possibility to measure temperature and humidity. It is the ideal solution for efficient floor space utilisation and the needs-based operation of light, heating and air conditioning. With integrated HF detector and IP interface. IoT link through REST API, MQTT and BacNet. Available in surface-mounted and flush-mounted versions.

Technical specifications

Dimensions (Ø x H)	125 x 75 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Connect Bluetooth Mesh, Web-Interface
Version	IP - concealed
PU1, EAN	4007841067304
Application, place	Indoors
Application, room	lecture hall, classroom, open-plan office, conference room / meeting room, production facilities, recreation room, dining hall / staff restaurant, Indoors
Colour	white
Colour, RAL	9016
Installation site	ceiling
Installation	Concealed wiring, Ceiling
IP-rating	IP20

Mounting height max.	5,00 m
Optimum mounting height	2,8 m
HF-system	5,8 GHz
Detection angle	110 °
Sneak-by guard	No
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m ²)
Reach, tangential	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m ²)
Reach, presence	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m ²)
Reach, radial 2	High frequency: Hochfrequenz: r = 9 m (Hochfrequenz: 78 m ²)

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Technical specifications

Protection class	III
Ambient temperature	0 – 40 °C
Power supply, detail	Passive PoE SELV, standard PoE (IEEE 802.3 af)
Sensor Technology	Optical sensor
Sensor Technology 2	High frequency
Mounting height	2,30 – 5,00 m

Reach, tangential 2	High frequency: Hochfrequenz: r = 9 m (Hochfrequenz: 78 m ²)
Transmitter power	< 1 mW
Functions	Motions sensor, Light sensor, Census of persons, Presence function, Constant-lighting control, Capture zone definition, Encrypted communication
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	No
Interconnection via	LAN, Bluetooth Mesh Connect

Dimension Drawing

