

# HPD3

IP - surface  
EAN 4007841 067298  
Article number 067298



## 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 65 mm	Mounting height	2,30 – 5,00 m
With motion detector	Yes	Mounting height max.	5,00 m
Manufacturer's Warranty	5 years	Optimum mounting height	2,8 m
Settings via	Connect Bluetooth Mesh, Web-Interface	HF-system	5,8 GHz
Version	IP - surface	Detection angle	110 °
PU1, EAN	4007841067298	Sneak-by guard	No
Type	Presence detector	Capability of masking out individual segments	Yes
Application, place	Indoors	Electronic scalability	Yes
Application, room	lecture hall, classroom, open-plan office, conference room / meeting room, production facilities, recreation room, dining hall / staff restaurant, Indoors	Mechanical scalability	No
Colour	white	Reach, radial	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m <sup>2</sup> )
Colour, RAL	9016	Reach, tangential	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m <sup>2</sup> )
Installation site	ceiling	Reach, presence	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m <sup>2</sup> )
Installation	Surface wiring, Ceiling	Reach, radial 2	High frequency: Hochfrequenz: r = 9 m (Hochfrequenz: 78 m <sup>2</sup> )

# HPD3

IP - surface  
 EAN 4007841 067298  
 Article number 067298

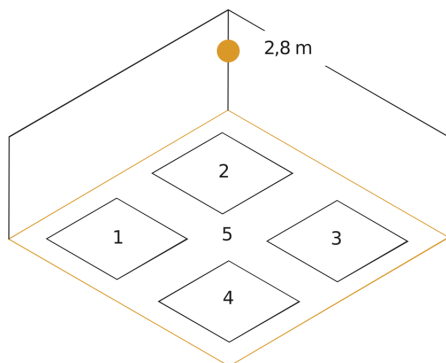


## Technical specifications

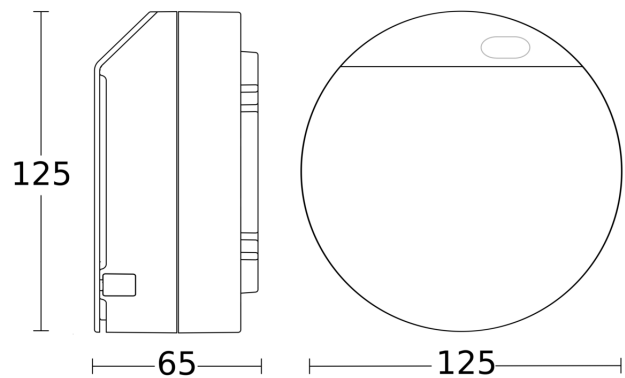
IP-rating	IP20
Protection class	III
Ambient temperature	0 – 40 °C
Material	Plastic
Power supply, detail	Passive PoE SELV, standard PoE (IEEE 802.3 af)
Sensor Technology 2	High frequency
Technology, sensors	Optical sensor, High frequency, Light sensor, Temperature, Air humidity, VOC, CO2

Reach, tangential 2	High frequency: Hochfrequenz: r = 9 m (Hochfrequenz: 78 m <sup>2</sup> )
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

## Detection Zone



## Dimension Drawing



Possible mounting height: 2,30 m – 5,00 m