Optical sensor - Professional Line

HPD3

IP - surface
EAN 4007841 067298
Article number 067298

steinel

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 65 mm		Mounting height max.	5,00 m
With motion detector	Yes		Optimum mounting height	2,8 m
Manufacturer's Warranty	5 years		HF-system	5,8 GHz
Settings via	Connect Bluetooth Mesh, Web-Interface		Detection angle	110 °
Version	IP - surface		Sneak-by guard	No
PU1, EAN	4007841067298		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
			Reach, radial	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m^2)
Colour	white		Reach, tangential	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m^2)
Colour, RAL	9016			
Installation site	ceiling		Reach, presence	Optical sensor: Optischer Sensor: r = 10 m (Optischer Sensor: 96 m^2)
Installation	Surface wiring, Ceiling		Reach, radial 2	High frequency: Hochfrequenz: r = 9 m (Hochfrequenz: 78 m^2)
IP-rating	IP20			

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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	iHF (intelligent high-frequency technology)
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