

Optical sensor - Professional Line

HPD2

KNX

EAN 4007841 033200

Article number 033200



optical sensor
110°



max. 10 m



air humidity



brightness



movement



number of people



presence



temperature



IP20



2 - 2000 lux

Function description

Detects persons in 5 individually adjustable zones! As the world's only optical sensor of its kind, it detects and counts people sitting and standing in up to five precisely definable detection zones. 110° angle of coverage with a reach of up to 10 m from a maximum mounting height of 6 m. Integrated, state-of-the-art imaging compares 150,000 positive images and 7 million negative images in real time. Ideal for managing meeting rooms, because it identifies actual room use, or for detecting unused office workstations for flexible desk management. KNX interface with temperature and humidity measurement, available from STEINEL Systems partners.

HPD2

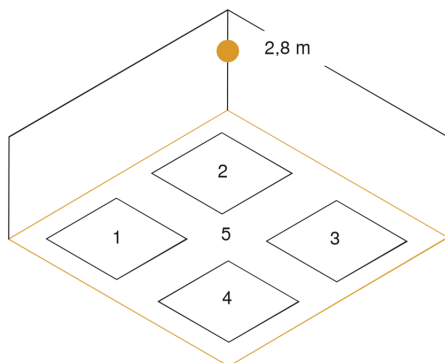
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Technical specifications

Type	Other
Dimensions (L x W x H)	52 x 86 x 156 mm
Mains power supply	21.0 – 30 V
Power supply, detail	KNX bus, additional voltage of 18-57 V DC, 130 mA bus current
Sensor Technology	Optical sensor
Application, place	Indoors
Installation site	wall, corner
Installation	Surface wiring
Mounting height	2,30 – 6,00 m
Reach, radial	r = 10 m (96 m ²)
Reach, tangential	r = 10 m (96 m ²)
Reach, presence	r = 10 m (96 m ²)
Detection angle	110 °
Angle of aperture	110 °
Switching zones	5 switching zones
Optimum mounting height	2,8 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes

Twilight setting TEACH	No
Twilight setting	2 – 2000 lx
Constant-lighting control	Yes
Basic light level function	Yes
KNX functions	Light level, Humidity output, Presence output, Temperature output
With bus coupling	Yes
Settings via	ETS software, Web-Interface
With remote control	No
Interconnection	No
IP-rating	IP20
Material	Plastic
Ambient temperature	0 – 40 °C
Application, room	classroom, lecture hall, open-plan office, production facilities, conference room / meeting room, recreation room, Indoors
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX
PU1, EAN	4007841033200
Technology, sensors	Optical sensor, Air humidity, Temperature, Light sensor

Detection Zone



Mögliche Montagehöhe: 2,30 m – 6,00 m

Dimension Drawing

