

Optical sensor

HPD2

KNX

EAN 4007841 033200

STEINEL[®]
PROFESSIONAL



110° sensor max.
10m



air humidity



brightness



movement



number of people



presence



temperature



IP20



2 - 2000 lux



1-255 min

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.

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
Application, place, room	classroom, lecture hall, open-plan office, production facilities, conference room / meeting room, recreation room, Indoors
Installation site	wall, corner
Installation	Surface wiring
Switching zones	5 switching zones
Electronic scalability	Yes
Mounting height	2,3 – 6,0 m
Optimum mounting height	2,8 m
Detection angle	110 °
Angle of aperture	110 °
Sneak-by guard	Yes
Reach, radial	r = 10 m (96 m ²)

Reach, presence	r = 10 m (96 m ²)
Twilight setting TEACH	No
Time setting	1 s – 255 Min.
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
IP-rating	IP20
Material	Plastic
Ambient temperature	0 – 40 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX
PU1, EAN	4007841033200

<https://www.steinell.de>

Optical sensor

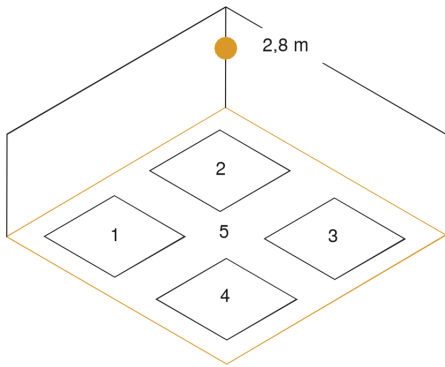
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Detection Zone



Mögliche Montagehöhe: 2,30 m – 6,00 m

Dimension Drawing

