

HF 180

V3 KNX - white
EAN 4007841 059460
Article number 059460



high-frequency
sensor 180°



KNX



IP20



2 - 1000 lux



30 sec - 30 min



indoor sensor



energy saving

5 years

manufacturer's
warranty steinel-
professional.de/
garantie



CE



VDE

Function description

Reliably detects through partition walls. HF 180 presence switch. The high-frequency sensor system quickly detects any movement regardless of temperature – even through partition walls, e.g. offices, entrance rooms or toilet facilities. 180° angle of coverage, up to 8 m reach. Intelligent technology, high-calibre design, easy 3-wire installation.

Technical specifications

Dimensions (L x W x H)	50 x 80 x 80 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	ETS software, Remote control, Bus, Smart Remote
With remote control	Yes
Version	KNX - white
PU1, EAN	4007841059460
Type	Presence detector
Application, place	Indoors
Application, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors
Colour	white
Colour, RAL	9010
Includes corner wall mount	No
Installation site	wall

HF-system	5,8 GHz
Detection	also through glass, wood and stud walls
Detection angle	180 °
Angle of aperture	140 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	r = 8 m (101 m²)
Reach, tangential	r = 8 m (101 m²)
Transmitter power	< 1 mW
Functions	Presence detector logic
Twilight setting	2 – 1000 lx
Time setting	60 s – 255 Min.
Basic light level function	Yes

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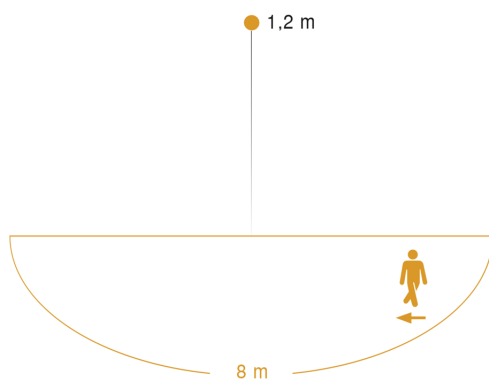
Technical specifications

Installation	Concealed wiring, Wall	Basic light level function time	Permanently ON, 1-255 min, all night
IP-rating	IP20	Main light adjustable	0 - 100 %
Protection class	II	Twilight setting TEACH	Yes
Ambient temperature	0 – 40 °C	Constant-lighting control	Yes
Material	Plastic	KNX functions	Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 2x, Presence output, Day / night function, Logic gate
Power supply, detail	KNX bus	Interconnection	Yes
With bus coupling	Yes	Type of interconnection	Master/master, Master/slave
Sensor Technology	High frequency	Interconnection via	KNX bus
Mounting height	1,20 – 2,20 m	Rated current	30 mA
Mounting height max.	2,20 m		
Optimum mounting height	1,2 m		

Accessories

EAN 4007841 034160	Adapter frame for IR/HF 180
EAN 4007841 034184	Adapter frame for IR/HF 180
EAN 4007841 034139	Adapter frame for IR/HF 180
EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 592912	User remote control RC7 KNX

Detection Zone



Mögliche Montagehöhe: 1,20 m – 2,20 m
Orange: tangential

Dimension Drawing

