

# 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](https://steinel-professional.de/garantie)



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.

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## Technical specifications

Type	Presence detector
Dimensions (L x W x H)	50 x 80 x 80 mm
Power supply, detail	KNX bus
Sensor Technology	High frequency
Application, place	Indoors
Installation site	wall
Installation	Concealed wiring
Mounting height	1,20 – 2,20 m
Reach, radial	r = 8 m (101 m <sup>2</sup> )
Reach, tangential	r = 8 m (101 m <sup>2</sup> )
HF-system	5,8 GHz
Detection angle	180 °
Angle of aperture	140 °
Optimum mounting height	1,2 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Detection	also through glass, wood and stud walls
Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx

Time setting	60 s – 255 Min.
Constant-lighting control	Yes
Basic light level function	Yes
Basic light level function in per cent	10 – 50 %
Basic light level function time	Permanently ON, 1-255 min, all night
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
Functions	Presence detector logic
With bus coupling	Yes
Settings via	ETS software, Remote control, Bus, Smart Remote
With remote control	Yes
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
IP-rating	IP20
Material	Plastic
Ambient temperature	0 – 40 °C
Application, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - white
PU1, EAN	4007841059460

## 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

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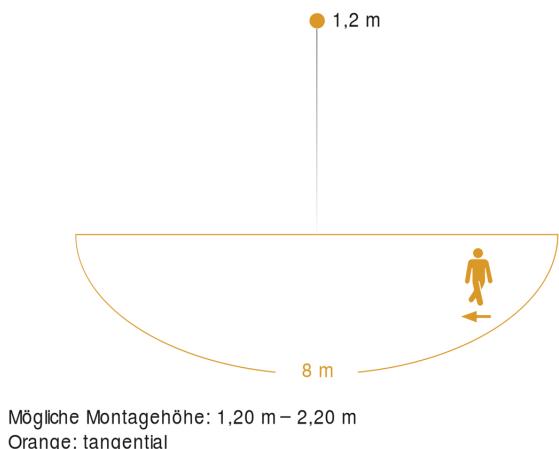
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**Detection Zone**



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

**Dimension Drawing**

