

# IR 180

V3 KNX - white  
 EAN 4007841 058463  
 Article number 058463



infrared sensor  
180°



max. 12 m



KNX



IP20



2 - 1000 lux



30 sec - 30 min



indoor sensor



energy saving

5 years

manufacturer's  
warranty steinel-  
professional.de/  
garantie



CE

## Function description

The new benchmark. High-precision IR 180 infrared presence sensor with a reach of 20 m. Ideal for new builds. 180° angle of coverage. Fast and easy 3-wire installation. Attractive design. Integrated button for manual override. The KNX version also provides temperature and air humidity readings.

## Technical specifications

Dimensions (L x W x H)	50 x 80 x 80 mm	Detection angle	180 °
With motion detector	Yes	Angle of aperture	90 °
Manufacturer's Warranty	5 years	Sneak-by guard	Yes
Settings via	ETS software, Remote control, Bus, Smart Remote	Capability of masking out individual segments	No
With remote control	Yes	Electronic scalability	Yes
Version	KNX - white	Mechanical scalability	No
PU1, EAN	4007841058463	Reach, radial	r = 4 m (25 m <sup>2</sup> )
Type	Presence detector	Reach, tangential	r = 12 m (226 m <sup>2</sup> )
Application, place	Indoors	Reach, presence	r = 4 m (25 m <sup>2</sup> )
Application, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors	Switching zones	96 switching zones
Colour	white	Functions	Presence detector logic
Colour, RAL	9010	Twilight setting	2 - 1000 lx
Includes corner wall mount	No	Time setting	60 s - 255 Min.
Installation site	wall	Basic light level function	Yes
Installation	Concealed wiring, Wall	Main light adjustable	0 - 100 %
		Twilight setting TEACH	Yes
		Constant-lighting control	Yes

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## Technical specifications

IP-rating	IP20
Ambient temperature	from 0 up to 40 °C
Material	Plastic
Mains power supply	21 – 30 V
With bus coupling	Yes
Technology, sensors	passive infrared, Light sensor, Temperature, Air humidity
Mounting height	1 – 1,2 m
Mounting height max.	1,20 m
Optimum mounting height	1,2 m

## KNX functions

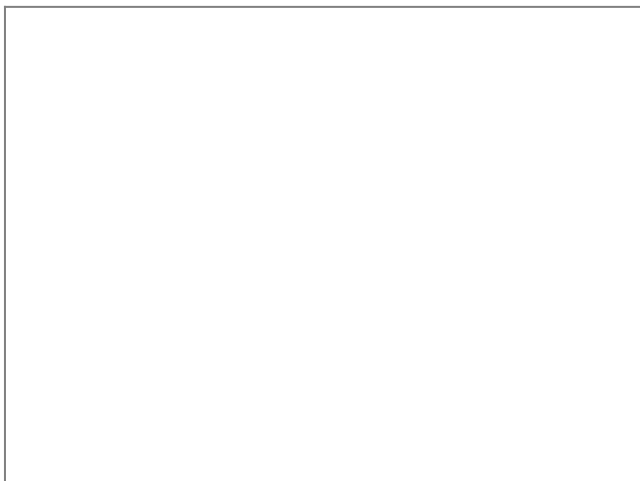
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus
Rated current	12,5 mA
Product category	Presence Switch

Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Air pressure, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, Logic gate

## Accessories

EAN 4007841 034146	Adapter frame for IR/HF 180
EAN 4007841 034177	Adapter frame for IR/HF 180
EAN 4007841 034153	Adapter frame for IR/HF 180
EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 592912	User remote control RC7 KNX

## Detection Zone



## Dimension Drawing

