

IR 180

KNX - white

EAN 4007841 032975

Article number 032975



infrared sensor
180°



max. 20 m



KNX



IP20



2 - 1000 lux



indoor sensor



energy saving

5 years



manufacturer's
warranty
steinel-professional.de/garantie



VDE

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.

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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	passive infrared
Application, place	Indoors
Installation site	wall
Installation	Concealed wiring
Mounting height	1,10 – 1,20 m
Reach, radial	r = 4 m (25 m ²)
Reach, tangential	r = 20 m (628 m ²)
Reach, presence	r = 4 m (25 m ²)
Detection angle	180 °
Angle of aperture	90 °
Switching zones	96 switching zones
Optimum mounting height	1,2 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
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
Basic light level function percentage, from	10 %
Basic light level function percentage, up to	50 %
KNX functions	Light output 4x, Presence output, Light level, Constant-lighting control, Basic light level function, HVAC output, Integrated button, Temperature output, Humidity output
With bus coupling	Yes
Settings via	ETS software, Remote control, Bus, Smart Remote
With remote control	No
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	4007841032975

Accessories

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

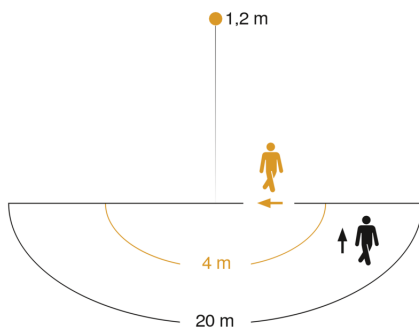
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Detection Zone



Mögliche Montagehöhe: 1,10 m – 1,20 m

Orange: radial

Schwarz: tangential

Dimension Drawing

