Data sheet

Presence Switch

IR 180

KNX - white
EAN 4007841032975

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

Type	Presence detector
Dimensions (L x W x H)	80 x 80 x 21 mm
Power supply, detail	KNX bus
Sensor Technology	passive infrared
Application, place	Indoors
Application, place, room	One-person office, corridor, aisle, side room, stairwell, washroom, wc, equipment room
Installation site	wall
Type of installation	Concealed wiring
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	1,10 – 1,20 m
Optimum mounting height	1,2 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Reach, radial	r = 4 m (25 m²)
Reach, tangential	r = 20 m (628 m²)
Reach, presence	r = 4 m (25 m²)

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Technical specifications

Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	60 s – 255 Min.
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	No
IP rating	IP20
Material	Plastic
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - white
PU1, EAN	4007841032975

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