

Presence Switch

IR 180

EAN 4007841032968



Functional description

New design, intelligent technology, fast installation. The IR 180 is the solution if infrared sensor switches are planned in new or existing buildings where 3-wire cabling exists or is planned. 180 denotes the sensor's huge angle of coverage. It misses absolutely nothing, either to the left or right. The IR 180 also comes in a new design and can be installed quickly and easily. The KNX version also indicates the temperature and humidity levels measured.

Technical specifications

Type	Presence detector
Power supply, detail	KNX bus
Sensor Technology	passive infrared
Type of installation	Concealed wiring
Electronic scalability	Yes
Mechanical scalability	No
Optimum mounting height	1,2 m
Detection angle	180 °
Angle of aperture	90 °
Sneak-by guard	Yes
Reach, radial	r = 4 m (25 m ²)
Reach, tangential	r = 20 m (628 m ²)
Reach, presence	r = 4 m (25 m ²)
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
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	Silver
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - silver
Model	KNX