

Presence detector

Single US

EAN 4007841029487



Functional description

Simple tasks demand simple answers. This is demonstrated by our Single US 180° ultrasonic sensor. Correctly aligned, it detects any movement in corridors and passageways of up to 10 metres in length – even if they take place behind objects. Movements in adjacent rooms, however, are not detected. This means the sensor only switches light on when it's really needed.

Technical specifications

Type	Presence detector
Power supply, detail	KNX bus
Sensor Technology	Ultrasonic
Application, place	Indoors
Type of installation	Concealed wiring
Ultrasonic technology	40 kHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	2,50 – 3,50 m
Optimum mounting height	2,8 m
Detection angle	180 °
Angle of aperture	180 °
Sneak-by guard	Yes
Reach, radial	5 x 3 m (15 m ²)
Reach, tangential	5 x 3 m (15 m ²)
Twilight setting TEACH	Yes
Twilight setting	10 – 1000 lx
Time setting	60 s – 255 min
KNX functions	Light output 4x, Presence output, Light level, Constant-lighting control, Basic light level function, HVAC output
With bus coupling	Yes
Settings via	ETS software, Remote control, Bus
Interconnection	Yes
IP rating	IP20
Material	Plastic
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX
Model	KNX

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Sensorenerfassungsbereich 1

