

Presence detector

Single US

EAN 4007841007980



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
Dimensions (L x W x H)	120 x 120 x 73 mm
Mains power supply	230 V, 50 / 60 Hz
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 °
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	100 – 1000 lx
Time setting	30 s – 30 min
Number of electronic ballasts, DIM interface	50
Constant-lighting control	Yes
Basic light level function	Yes
With remote control	No
Interconnection	Yes
Type of interconnection	Master/slave, Master/master
IP rating	IP20
Material	Plastic
Ambient temperature	-25 – 55 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	DIM

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Sensorenerfassungsbereich 1

