

## Presence detector

# DualTech

EAN 4007841007997



### Functional description

Offices, conference rooms and classrooms come with their own particular spatial situations that don't exactly make it easy to provide efficient lighting control. That's why we have developed an innovative 360° detector with a 28 m<sup>2</sup>. presence detection zone that uses the best qualities of two leading technologies. This way, the DualTech can also detect movements by ultrasound without visual contact with the sensor. PIR technology provides additional detection capabilities. And maximum reliability.

### Technical specifications

<b>Type</b>	Presence detector
<b>Dimensions (L x W x H)</b>	120 x 120 x 68 mm
<b>Mains power supply</b>	220 – 240 V , 50 / 60 Hz
<b>Sensor Technology</b>	Ultrasonic
<b>Application, place</b>	Indoors
<b>Type of installation</b>	Concealed wiring
<b>Ultrasonic technology</b>	40 kHz
<b>Electronic scalability</b>	Yes
<b>Mechanical scalability</b>	No
<b>Mounting height</b>	2,50 – 3,50 m
<b>Optimum mounting height</b>	2,8 m
<b>Detection angle</b>	360 °
<b>Sneak-by guard</b>	Yes
<b>Reach, radial</b>	Ultrasonic: Ø 10 m (79 m <sup>2</sup> )
<b>Reach, tangential</b>	Ultrasonic: Ø 10 m (79 m <sup>2</sup> )
<b>Reach, presence</b>	Ultrasonic: Ø 6 m (28 m <sup>2</sup> )
<b>Sensor Technology 2</b>	passive infrared
<b>Reach, radial 2</b>	passive infrared: Ø 4 m (13 m <sup>2</sup> )
<b>Reach, tangential 2</b>	passive infrared: Ø 8 m (50 m <sup>2</sup> )
<b>Reach, presence 2</b>	passive infrared: Ø 4 m (13 m <sup>2</sup> )
<b>Twilight setting TEACH</b>	Yes
<b>Twilight setting</b>	10 – 1000 lx
<b>Time setting</b>	30 s – 30 min
<b>Constant-lighting control</b>	No
<b>Basic light level function</b>	No
<b>With remote control</b>	No
<b>Interconnection</b>	Yes
<b>Type of interconnection</b>	Master/slave, Master/master
<b>IP rating</b>	IP20
<b>Material</b>	Plastic
<b>Ambient temperature</b>	-25 – 55 °C
<b>Colour</b>	white
<b>Colour, RAL</b>	9010
<b>Manufacturer's Warranty</b>	5 years

<https://www.steinell-professional.de/>

Data sheet



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**Version**

COM1

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## Sensorenerfassungsbereich 1

