#### Presence detector - Professional Line

**US 360** 

COM2 - Concealed wiring EAN 4007841 007942 Article number 007942











2000 W



IP20











5 years

manufacturer's warranty steinel-professional.de/garantie

#### **Function description**

Detects without obstructions. 360° ultrasonic presence detector US 360, ideal for offices, conference rooms, store rooms and class rooms. 36 sq.m. presence detection zone, immune to obstacles, envelops objects as opposed to penetrating them, detection regardless of temperature, electronically adjustable reach, COM2 for switching light ON and OFF and well as for operating HVAC.

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#### **Technical specifications**

Dimensions (L x W x H)  Mains power supply  230 V / 50 – 60 Hz  Sensor Technology  Ultrasonic  Application, place Installation site  ceiling Installation  Concealed wiring  Mounting height  2,50 – 3,50 m  Reach, radial  Ø 10 m (79 m²)  Reach, tangential  Ø 10 m (79 m²)  Reach, presence  Ø 6 m (28 m²)  Ultrasonic technology  40 kHz  Detection angle  360 °  Angle of aperture  180 °  Optimum mounting height  2,8 m  Mechanical scalability  No  Sneak-by guard  Yes  Capability of masking out individual segments  Electronic scalability  Twilight setting  10 – 1000 lx  Time setting  30 s – 30 Min.  Output  Fluorescent lamps, electronic ballast 1500 W	Type	Presence detector
Sensor Technology  Application, place Installation site Installation  Concealed wiring  Mounting height  Concealed wiring  Montry m²)  Reach, radial  Montry m²)  Reach, tangential  Montry m²)  Reach, presence  Montry mounting height  Concealed wiring  Montry m²)  Reach, radial  Montry m²)  Reach, tangential  Montry mounting height  Concealed wiring  Montry m²)  Reach, radial  Montry m²)  Reach, radial  Montry m²)  Reach, tangential  Son of mounting m²)  Hondry masking  No  Soneak-by guard  Yes  Twilight setting masking out individual segments  Twilight setting TEACH  Yes  Twilight setting  Montry mounting height  No  Soneak-by guard  Yes  Twilight setting TEACH  Yes  Twilight setting  Montry masking out individual sone masking out indi	Dimensions (L x W x H)	67 x 120 x 120 mm
Application, place Indoors  Installation site ceiling  Installation Concealed wiring  Mounting height 2,50 – 3,50 m  Reach, radial Ø 10 m (79 m²)  Reach, tangential Ø 10 m (79 m²)  Reach, presence Ø 6 m (28 m²)  Ultrasonic technology 40 kHz  Detection angle 360 °  Angle of aperture 180 °  Optimum mounting height 2,8 m  Mechanical scalability No  Sneak-by guard Yes  Capability of masking out individual segments  Electronic scalability Yes  Twilight setting TEACH Yes  Twilight setting 10 – 1000 lx  Time setting 30 s – 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Mains power supply	230 V / 50 – 60 Hz
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Reach, radial Ø 10 m (79 m²)  Reach, tangential Ø 10 m (79 m²)  Reach, presence Ø 6 m (28 m²)  Ultrasonic technology 40 kHz  Detection angle 360 °  Angle of aperture 180 °  Optimum mounting height 2,8 m  Mechanical scalability No  Sneak-by guard Yes  Capability of masking out individual segments  Electronic scalability Yes  Twilight setting TEACH Yes  Twilight setting 10 – 1000 lx  Time setting 30 s – 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Installation	Concealed wiring
Reach, tangential Ø 10 m (79 m²)  Reach, presence Ø 6 m (28 m²)  Ultrasonic technology 40 kHz  Detection angle 360 °  Angle of aperture 180 °  Optimum mounting height 2,8 m  Mechanical scalability No  Sneak-by guard Yes  Capability of masking out individual segments  Electronic scalability Yes  Twilight setting TEACH Yes  Twilight setting 10 – 1000 lx  Time setting 30 s – 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Mounting height	2,50 – 3,50 m
Reach, presence Ø 6 m (28 m²)  Ultrasonic technology 40 kHz  Detection angle 360 °  Angle of aperture 180 °  Optimum mounting height 2,8 m  Mechanical scalability No  Sneak-by guard Yes  Capability of masking out individual segments  Electronic scalability Yes  Twilight setting TEACH Yes  Twilight setting 10 – 1000 lx  Time setting 30 s – 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Reach, radial	Ø 10 m (79 m²)
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Angle of aperture 180 °  Optimum mounting height 2,8 m  Mechanical scalability No  Sneak-by guard Yes  Capability of masking out individual segments  Electronic scalability Yes  Twilight setting TEACH Yes  Twilight setting 10 – 1000 lx  Time setting 30 s – 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Ultrasonic technology	40 kHz
Optimum mounting height 2,8 m  Mechanical scalability No  Sneak-by guard Yes  Capability of masking out individual segments  Electronic scalability Yes  Twilight setting TEACH Yes  Twilight setting 10 – 1000 lx  Time setting 30 s – 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Detection angle	360 °
Mechanical scalability  Sneak-by guard  Capability of masking out individual segments  Electronic scalability  Yes  Twilight setting TEACH  Twilight setting  10 – 1000 lx  Time setting  30 s – 30 Min.  Output  2000 W  Fluorescent lamps, electronic ballast 1500 W	Angle of aperture	180 °
Sneak-by guard  Capability of masking out individual segments  Electronic scalability  Yes  Twilight setting TEACH  Yes  Twilight setting  10 – 1000 lx  Time setting  30 s – 30 Min.  Output  2000 W  Fluorescent lamps, electronic ballast 1500 W	Optimum mounting height	2,8 m
Capability of masking out individual segments  Electronic scalability  Yes  Twilight setting TEACH  Yes  Twilight setting  10 – 1000 lx  Time setting  30 s – 30 Min.  Output  2000 W  Fluorescent lamps, electronic ballast 1500 W	Mechanical scalability	No
segments  Electronic scalability Yes Twilight setting TEACH Yes Twilight setting 10 – 1000 lx Time setting 30 s – 30 Min. Output 2000 W Fluorescent lamps, electronic ballast 1500 W	Sneak-by guard	Yes
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Twilight setting 10 - 1000 lx  Time setting 30 s - 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Electronic scalability	Yes
Time setting 30 s - 30 Min.  Output 2000 W  Fluorescent lamps, electronic ballast 1500 W	Twilight setting TEACH	Yes
Output 2000 W Fluorescent lamps, electronic ballast 1500 W	Twilight setting	10 – 1000 lx
Fluorescent lamps, electronic ballast 1500 W	Time setting	30 s – 30 Min.
	Output	2000 W
1000 VA	Fluorescent lamps, electronic ballast	: 1500 W
riuorescent lamps, uncorrected 1000 VA	Fluorescent lamps, uncorrected	1000 VA

Fluorescent lamps, series-corrected	1000 VA
Fluorescent lamps, parallel-corrected	1000 VA
Switching output 1, low-voltage halogen lamps	2000 VA
LED lamps	100 W
LED lamps > 2 W	300 W
LED lamps > 8 W	600 W
Capacitive load in μF	176 μF
Constant-lighting control	No
Basic light level function	No
Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
IP-rating	IP20
Material	Plastic
Ambient temperature	-25 – 55 °C
Application, room	classroom, one-person office, open-plan office, conference room / meeting room, duty room, recreation room, function room / ancillary room, stairwell, WC / washroom, Indoors
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	COM2 - Concealed wiring
PU1, EAN	4007841007942
Technology, sensors	Ultrasonic, Light sensor

### Accessories

EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

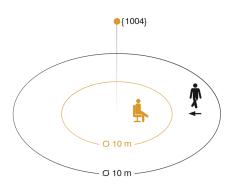
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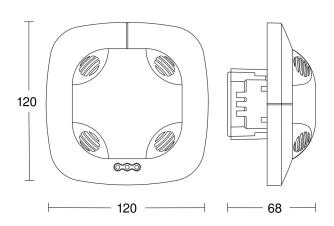
#### **Detection Zone**



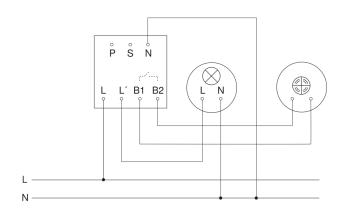
Mögliche Montagehöhe: 2,50 m - 3,50 m Orange: Präsenz und tangential

Schwarz: radial

# **Dimension Drawing**



#### Master circuit diagram



#### Master/slave interconnection circuit diagram

