

Presence detector - Professional Line

IR Quattro

COM1

EAN 4007841 000349

Article number 000349



infrared sensor
360°



max. 4 x 4 m
presence

2000w

2000 W max.
(LED-ready)



IP20



ideal 2,5 - 8 m



indoor sensor

iQ

iQ-mode

TEACH

Teach mode



energy saving

5 JAHRE
HERSTELLER
GARANTIE

manufacturer's
warranty
[steinel-professional.de/garantie](https://www.steinel-professional.de/garantie)

Function description

Squaring the circle. Infrared presence detector Presence Control PRO IR Quattro COM1 for indoors, ideal for small offices, store, service and utility rooms, washrooms and WCs, installation height up to 8 m, for switching light 'ON' and 'OFF', 1760 switching zones for excellent detection quality, square presence detection zone covering 16 m², mechanically scalable.

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Technical specifications

Type	Presence detector
Dimensions (L x W x H)	76 x 120 x 120 mm
Mains power supply	230 V / 50 – 60 Hz
Sensor Technology	passive infrared
Application, place	Indoors
Installation site	ceiling
Installation	Concealed wiring
Mounting height	2,50 – 8,00 m
Reach, radial	5 x 5 m (25 m ²)
Reach, tangential	7 x 7 m (49 m ²)
Reach, presence	4 x 4 m (16 m ²)
Detection angle	360 °
Angle of aperture	160 °
Switching zones	1760 switching zones
Optimum mounting height	2,8 m
Mechanical scalability	Yes
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	No

Twilight setting TEACH	Yes
Twilight setting	10 – 1000 lx
Time setting	30 s – 30 Min.
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	one-person office, conference room / meeting room, duty room, recreation room, changing room, function room / ancillary room, kitchenette, Indoors
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	COM1
PU1, EAN	4007841000349

Accessories

EAN 4007841 000363	Surface-mounting adapter Control PRO AP Box (IP54)
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

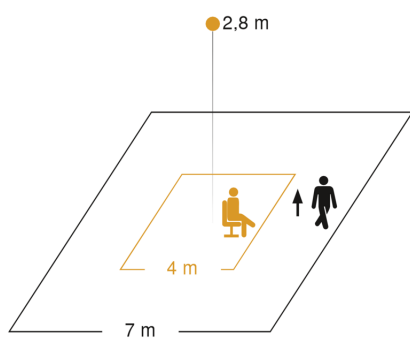
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Detection Zone

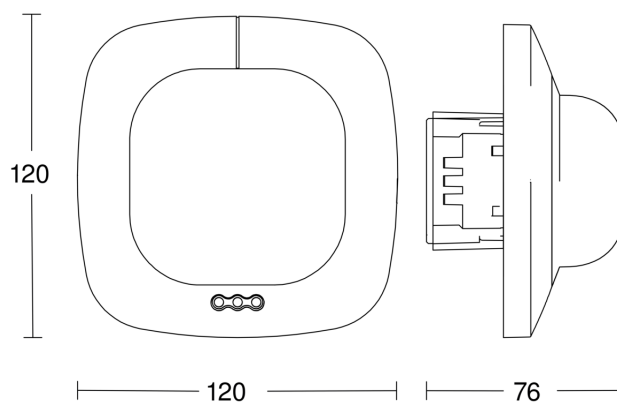


Mögliche Montagehöhe: 2,50 m – 8,00 m

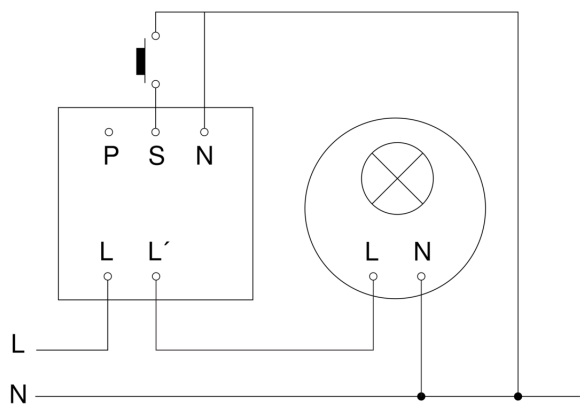
Orange: Präsenz

Schwarz: tangential

Dimension Drawing



Master circuit diagram



The diagram shows a two-circuit system. It consists of two identical units connected to a common supply line (L) and a common neutral line (N). Each unit contains a switch (S) and a fuse (F). The switch is connected to the supply line (L), and the fuse is connected to the neutral line (N). The lamp (L) is connected between the switch and the neutral line.

The diagram illustrates a three-phase motor control circuit. It features three main components: a three-phase supply, a three-phase motor, and three single-phase control units. The supply lines are labeled L, N, and a third line (likely phase R). The motor is represented by a circle with an 'X' inside, with terminals L and N. The control units are represented by rectangles with terminals P, S, N, L, and L'. The circuit includes a main switch and a thermal relay. The interlocking is achieved by connecting the stop button (S) in series with the start button (L) of the other two phases, ensuring that only one phase can start at a time.