Presence detector - Professional Line

Dual HF

COM1 - Surface wiring
EAN 4007841 590703
Article number 590703

. steinel

| high frequency sensor 360° | max. 20 x 3 m | 2000 W 2000 W max. (LED-ready) | IP20 | ideal 2,5 - 3,5 m | indoor sensor | iQ IQ-mode | Teach Teach mode | energy saving | 5 years manufacturer's warranty steinel-professional.de/garantie |

Function description

Twice as vigilant. High-frequency corridor sensor Presence Control PRO DUAL HF COM1 AP for indoors, ideal for passageways and long corridors, installation height up to 3.5 m, surface-mounting version for switching light 'ON' and 'OFF', DUAL-HF technology for radial detection over 20 m in two directions, detection regardless of temperature, HF-sensor technology also detects movement through glass, wood and stud walls, light switches 'ON' almost instantly.

Technical specifications

Dimensions (L x W x H)	70 x 120 x 120 mm
Manufacturer's Warranty	5 years
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote
With remote control	No
Version	COM1 - Surface wiring
PU1, EAN	4007841590703
Type	Presence detector
Application, place	Indoors
Application, room	corridor / aisle, Indoors
Colour	white
Colour, RAL	9010
Includes corner wall mount	No
Installation site	ceiling
Installation	Surface wiring, Ceiling
IP-rating	IP20

Capacitive load in µF	176 µF
Sensor Technology	High frequency
Mounting height	2,50 – 3,50 m
Mounting height max.	3,50 m
Optimum mounting height	2,8 m
HF-system	5,8 GHz
Detection	also through glass, wood and stud walls
Detection angle	Aisle, 360 °
Angle of aperture	140 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	20 x 3 m (60 m²)
Reach, tangential	20 x 3 m (60 m²)

https://www.steinel.de

Dual HF

COM1 - Surface wiring
EAN 4007841 590703
Article number 590703

steinel

Technical specifications

|			
Ambient temperature	-25 – 55 °C	Transmitter power	< 1 mW
Material	Plastic	Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF
Mains power supply	230 V / 50 – 60 Hz		
Fluorescent lamps, electronic ballast	1500 W		
Fluorescent lamps, uncorrected	1000 VA	Twilight setting	10 – 1000 lx
Fluorescent lamps, series-corrected	1000 VA	Time setting	30 s – 30 Min.
Fluorescent lamps, parallel-corrected	1000 VA	Basic light level function	No
		Main light adjustable	No
Switching output 1, low-voltage halogen lamps	2000 VA	Twilight setting TEACH	Yes
		Constant-lighting control	No
LED lamps < 2 W	100 W	Interconnection	Yes
LED lamps > 2 W < 8 W	300 W	Type of interconnection	Master/master, Master/slave
LED lamps > 8 W	600 W	Interconnection via	Cable

Accessories

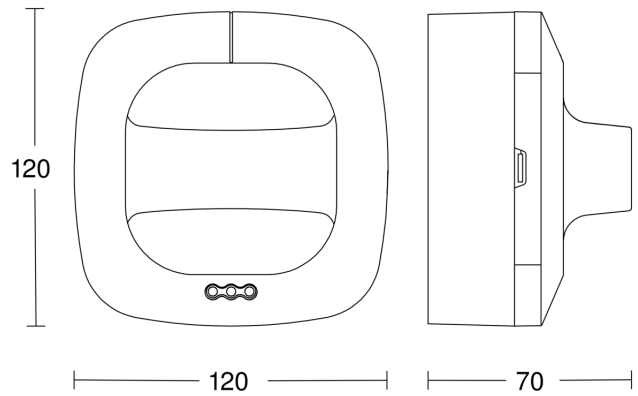|	
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 000363	Surface-mounted adapter Control Pro IP54
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

.○ **steinel**

Detection Zone

● 2,8 m

3 m

20 m
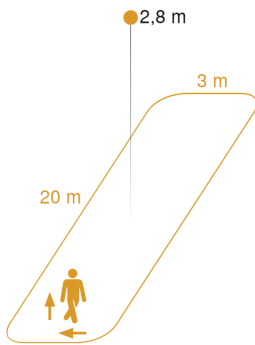
Mögliche Montagehöhe: 2,50 m – 3,50 m
Orange: radial und tangential

Dimension Drawing

120

120

70

Master circuit diagram

P   S   N

L   L´   L   N

L

N
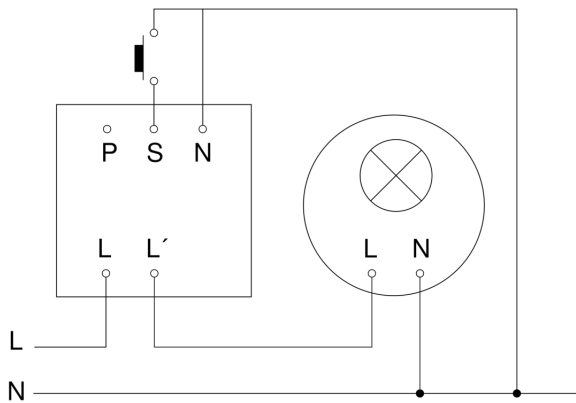
Master/master interconnection circuit diagram
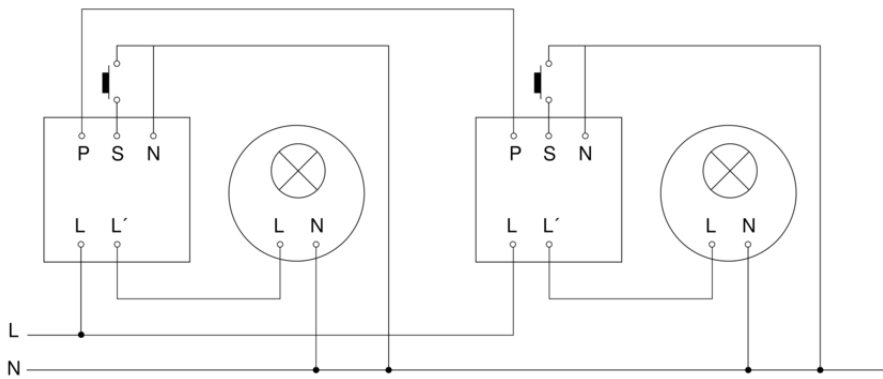
Master/slave interconnection circuit diagram