**Presence detector - Professional Line**

# DualTech

V3 KNX - in-ceiling installation
EAN 4007841 079581
Article number 079581

**steinel**



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ultrasonic sensor 360° | infrared sensor 360° | max. Ø 6 m presence | KNX 4 channel | IP20 | ideal 2,5 - 3,5 m | indoor sensor | iQ IQ-mode | Teach Teach mode | energy saving |

## Function description

The best of both worlds. Combined in one detector. Ultrasonic presence detector DualTech KNX, ideal for offices, conference rooms and class rooms. 36 sq.m. presence zone, ultrasonic technology provides reliable detection behind objects regardless of temperature, additional detection capability with PIR technology, electronic adjustment for ultrasonic reach, with digital BUS interface for controlling 4 lighting channels and HVAC.

## Technical specifications

| | | | |
|---|---|---|---|
| Dimensions (L x W x H) | 103 x 120 x 120 mm | Ultrasonic technology | 40 kHz |
| With motion detector | Yes | Detection angle | 360 ° |
| Manufacturer's Warranty | 5 years | Angle of aperture | 180 ° |
| Settings via | ETS software, Remote control, Bus, Smart Remote | Sneak-by guard | Yes |
| Version | KNX - in-ceiling installation | Capability of masking out individual segments | No |
| PU1, EAN | 4007841079581 | Electronic scalability | Yes |
| Type | Presence detector | Mechanical scalability | No |
| Application, place | Indoors | Reach, radial | Ø 10 m (79 m²) |
| Application, room | classroom, one-person office, open-plan office, conference room / meeting room, duty room, recreation room, Indoors | Reach, tangential | Ø 10 m (79 m²) |
| | | Reach, presence | Ø 6 m (28 m²) |
| | | Twilight setting | 10 – 1000 lx |
| Colour | white | Time setting | 0 s – 1092 Min. |
| Colour, RAL | 9010 | Basic light level function | Yes |
| Includes corner wall mount | No | Basic light level function time | 1-255 min |
| Installation site | ceiling | Main light adjustable | 0 - 100 % |
| Installation | In-ceiling installation, Ceiling | Twilight setting TEACH | Yes |

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## Technical specifications

| | | | |
|---|---|---|---|
| IP-rating | IP20 | Constant-lighting control | Yes |
| Ambient temperature | from -25 up to 55 °C | KNX functions | Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Presence output, Day / night function, Logic gate |
| Material | Plastic | | |
| Mains power supply | 30 V | | |
| Power consumption | 0,7 W | | |
| With bus coupling | Yes | | |
| Technology, sensors | Ultrasonic, passive infrared, Light sensor | Interconnection | Yes |
| | | Type of interconnection | Master/master, Master/slave |
| Mounting height | 2,50 – 3,5 m | Interconnection via | KNX bus |
| Mounting height max. | 3,50 m | Rated current | 17,5 mA |
| Optimum mounting height | 2,8 m | Product category | Presence detector |

## Accessories

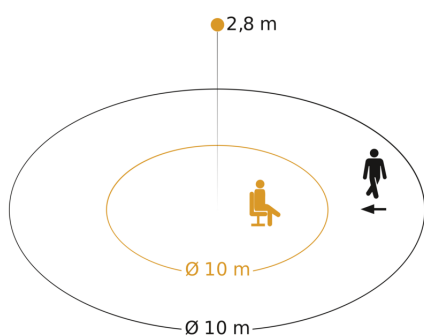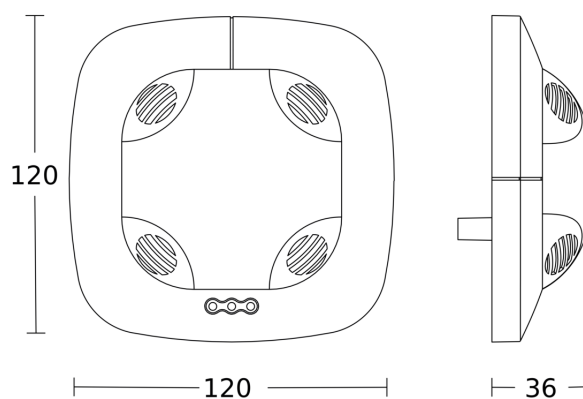| | |
|---|---|
| EAN 4007841 003036 | Control PRO guard cage |
| EAN 4007841 009151 | Remote control Smart Remote |
| EAN 4007841 593018 | Service remote control RC6 KNX |
| EAN 4007841 592912 | User remote control RC7 KNX |

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## Detection Zone

● 2,8 m

Ø 10 m

Ø 10 m

Possible mounting height: 2,50 m – 3,50 m
Orange: presence and tangential
Black: radial

## Dimension Drawing 1

120

120

36

## Dimension Drawing 2

69

Ø 67

77

97