# Data sheet

STEINEL®

PROFESSIONAL

Presence Switch

# IR 180

EAN 4007841055967

## Functional description

New design, intelligent technology, fast installation. The IR 180 is the solution if infrared sensor switches are planned in new or existing buildings where 3-wire cabling exists or is planned. 180 denotes the sensor's huge angle of coverage. It misses absolutely nothing, either to the left or right. The IR 180 also comes in a new design and can be installed quickly and easily. The KNX version also indicates the temperature and humidity levels measured.

## Technical specifications

| Type | Presence detector |
|---|---|
| **Dimensions (L x W x H)** | 80 x 80 x 21 mm |
| **Mains power supply** | 230 V, 50 / 60 Hz |
| **Power consumption** | 0,7 W |
| **Sensor Technology** | passive infrared |
| **Type of installation** | Concealed wiring |
| **Switching zones** | 96 Schaltzonen |
| **Electronic scalability** | Yes |
| **Mechanical scalability** | No |
| **Mounting height** | 1,10 – 1,10 m |
| **Optimum mounting height** | 1,1 m |
| **Detection angle** | 180 ° |
| **Angle of aperture** | 90 ° |
| **Sneak-by guard** | Yes |
| **Reach, radial** | r = 4 m (25 m²) |
| **Reach, tangential** | r = 20 m (628 m²) |
| **Reach, presence** | r = 4 m (25 m²) |
| **Twilight setting TEACH** | Yes |
| **Twilight setting** | 10 – 1000 lx |
| **Time setting** | 30 s – 30 min |
| **Switching output 1, resistive** | 2000 W |
| **Switching output 1, number of LEDs / fluorescent lamps** | 8 stk. |
| **Switching output 1, floating** | No |
| **Switching output 2, resistive** | 230 W |
| **Switching output 2, floating** | Yes |
| **Constant-lighting control** | No |
| **Basic light level function** | No |
| **With remote control** | Yes |
| **Interconnection** | Yes |
| **IP rating** | IP20 |
| **Material** | Plastic |
| **Ambient temperature** | -20 – 55 °C |
| **Colour** | Anthracite |
| **IDs, certificates** | EMC https://www.steinel-professional.de/ |

# Data sheet

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|---|---|
| **Manufacturer's Warranty** | 5 years |
| **Version** | COM2 - anthracite |