

PD-C 180i/16 UC

Order description

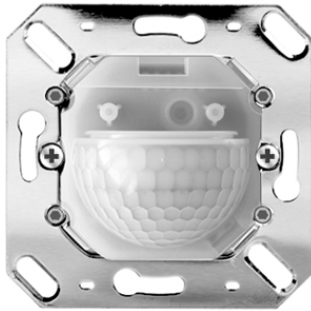
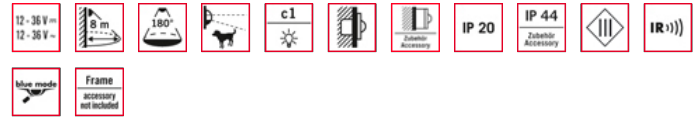
PD-C180i/16 UC

Item number

EP10427305

GTIN

4015120427305



Product description

- Presence detector with 180° field of detection for wall mounting
- range of up to 16 m in diameter for the use in connection with building management systems
- Operating voltage 12-36 V DC or AC voltage (AC/DC)
- Potential-free software-controlled switching output (C/O)
- Connectable and disconnectable display of detection
- Silent switch up to the maximum of 2 A

Technical data

| GENERAL | |
|---------------------------------|--|
| Conformity | CE, RoHS, WEEE |
| Warranty | 5 years |
| ATTACHMENT | |
| Installation type | Recessed mounting |
| Installation position | Wall |
| Installation dimension | Installation depth: 34 mm, Ø 60 mm |
| HOUSING | |
| Dimensions | length 70 mm x width 70 mm x Height/Depth 55 mm |
| Weight | 63 g |
| Material | UV-stabilised polycarbonate |
| Protection type | IP20, IP44 depending on cover (order separately) |
| Permissible ambient temperature | -25 °C...+50 °C |
| Relative humidity | 5 - 93 %, non-condensing |
| Colour | Opal matt |
| Connection | 2,5 mm ² / 1,5 mm ² |
| ELECTRICAL VERSION | |
| Protection class | III |
| Nominal voltage | 12 - 36 V |
| Power consumption | 0,3 W |
| SENSORS | |
| Detection angle | 180° horizontal, 60° vertical |

| Detection range diagonally | Ø 16 m |
|--|---------------------------------------|
| Detection range head-on | Ø 6 m |
| Detection range presence | Ø 8 m |
| Field of detection | up to 101 m ² |
| Recommended installation height | 1,1 m |
| Max. mounting height | 2,2 m |
| Light measurement | mixed light |
| Level of brightness | 5 - 2000 lx |
| Number of light channels | 1 |
| Push button input lighting | 1 |
| Push button input HVAC | false |
| Slave input | No |
| Fully automatic | yes |
| Semi-automatic | yes |
| Impulse feature | yes |
| constant lighting control | true |
| Switching delay from "dark to light" [s] | 300 s |
| Switching delay from "light to dark" [s] | 30 s |
| CONTROL | |
| Channel 1 | Lighting |
| Interface | Switching/Dimming |
| Contact | make contact/floating |
| Switching capacity channel 1 | 12 - 36 V UC (AC/DC), 2 A |
| Switch-off delay time | impulse/approx. 1 minute – 60 minutes |
| Master/slave function | true |
| constant lighting control | true |
| Manual override | yes |

DATA SHEET

PD-C 180i/16 UC

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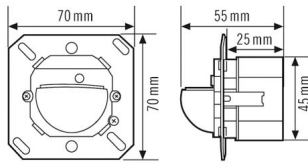
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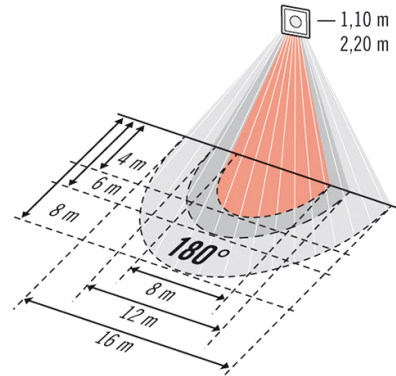
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Scale drawing



Field of detections



- Operating area
- Head-on to detector
- Passage area / diagonally to detector

Circuit diagram

