



PD4N-1C-SM

Prod.No. 92144 EAN: 4007529921447

- Voltage: 110 – 240 V AC 50 / 60 Hz
- Dimensions: Ø 109 x 65 mm
- Power consumption: approx. 0.5 W

Areas of application

- underground car parks
- corridors/hallways
- toilets
- equipment rooms

Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| PD4N-1C-SM | white | 92144 |

Accessories

| Designation | Colour | Art.No |
|----------------------------------|---------------|--------|
| RC-Arc extinction kit | white | 10880 |
| Mini-RC-Arc extinction kit | | 10882 |
| BLE-IR-Adapter | black | 93067 |
| IR-PD3N | - | 92105 |
| IR-PD3/4N-1C-E | - | 93110 |
| IR-PD-Mini | - | 92159 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| lens PD4N-1C, Cover ring | black | 93738 |
| lens PD4N-1C, Cover ring | traffic white | 93737 |
| lens PD4N-1C, Cover ring | anthracite | 93736 |
| Wall holder PD4-SM | white | 92441 |
| Pendulum mounting set PD2/3/4 SM | white | 93179 |

Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 109 x 65 mm |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 24 m across |
| Range: | max. Ø 8 m towards max. Ø 6.4 m seated |
| Monitored area (tangential movement): | 450 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP44 / Class II |
| Impact strength: | IK04 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white mat, similar to RAL9010 |

Channel 1 (lighting control)

| | |
|----------------------|---|
| Switching power: | 2300 W, $\cos \varphi$ = 1 1150 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 µs) = 800 A |
| Type of contact (k): | 1x µ-contact, NO contact with tungsten pre- make contact |
| Follow-up time: | 15 sec – 30 min, Pulse |
| Switch-on threshold: | 10 – 2000 Lux |

Product information

Remote-control capable ceiling motion detector with large detection range

One channel for light switching

Zero crossing switching

Special optical system for detection of even the smallest movements

Uninterrupted parallel circuit detection of several detectors

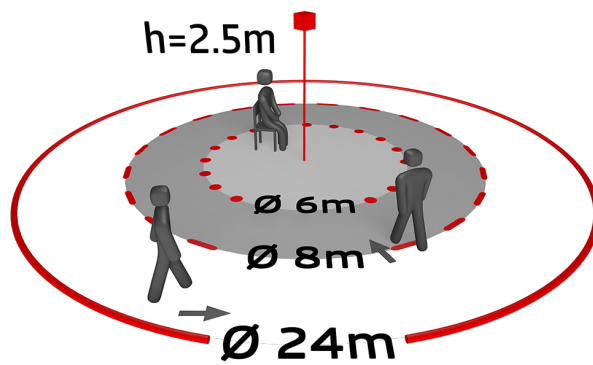
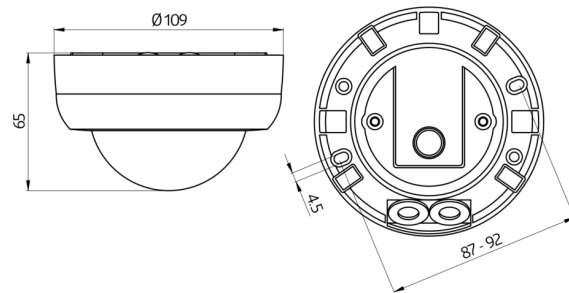
Manual switching via push-button possible

Additional functions can be set up using the optional remote control.

Factory settings 10 min and 500 lux

Application examples:

underground car parks, corridors/hallways, toilets, equipment rooms



Accessories



RC-Arc extinction kit
Art.No: 10880

Voltage: 230 V AC $\pm 10\%$
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 / Class II



Mini-RC-Arc extinction kit
Art.No: 10882

Voltage: 230 V AC $\pm 10\%$
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II



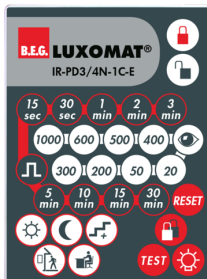
BLE-IR-Adapter
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK
0.2 dBm + 5.3 dBm = 5.5 dBm



IR-PD3N
Art.No: 92105

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



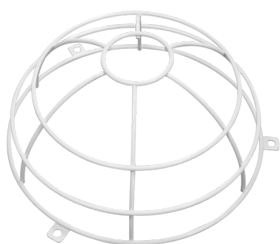
IR-PD3/4N-1C-E
Art.No: 93110

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



IR-PD-Mini
Art.No: 92159

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -



Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket



lens PD4N-1C, Cover ring
Art.No: 93738

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 24 m across
max. Ø 8 m towards
max. Ø 6.4 m seated
Monitored area (tangential movement): 450 m² / 2.5 m mounting height



lens PD4N-1C, Cover ring
Art.No: 93737

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 24 m across
max. Ø 8 m towards
max. Ø 6.4 m seated
Monitored area (tangential movement): 450 m² / 2.5 m mounting height



lens PD4N-1C, Cover ring

Art.No: 93736

Detection area: horizontal 360°
(Ceiling mounting)

Range: max. Ø 24 m
across
max. Ø 8 m
towards
max. Ø 6.4 m
seated

Monitored area (tangential movement):
450 m² / 2.5 m mounting height



Wall holder PD4-SM

Art.No: 92441

Dimensions: 130 x 100 x 53 mm
Housing: polycarbonate, UV-resistant
Material color: white



Pendulum mounting set PD2/3/4 SM

Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø
113 x 34 mm

Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010