B.E.G. LUXOMAT®

# PD3N-1C-FM

Prod.No. 92186 EAN: 4007529921867

230V PIR motion detector with 360° coverage and a range of up to Ø10m (78 m²), remote-controlled

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD3N-1C-FM | white | 92186 |

## Areas of application

- toilets
- equipment rooms
- corridors/hallways
- staircases

## Accessories

| Designation | Colour | Art.No |
|---|---|---|
| RC-Arc extinction kit | white | 10880 |
| Mini-RC-Arc extinction kit | | 10882 |
| BLE-IR-Adapter | black | 93067 |
| IR-PD3/4N-1C-E | - | 93110 |
| IR-PD3N | - | 92105 |
| IR-PD-Mini | - | 92159 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| Cover ring PD3N FM | jet black | 93087 |
| Blinds PD2N/PD3N | | 37367 |

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 106 x 63 mm |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| Monitored area (tangential movement): | 78 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP20 / 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 φ = 1<br>1150 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 165 A<br>max. inrush current Ip (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

One channel for light switching

Zero crossing switching

Special optical system for detection of even the smallest movements

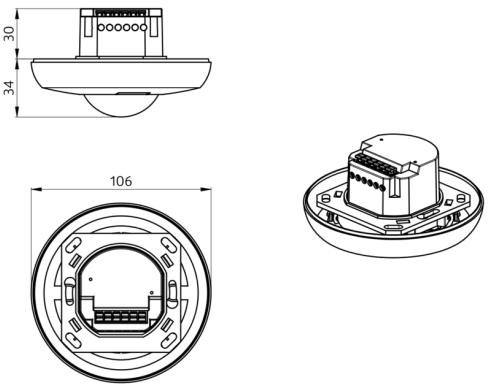
Uninterrupted parallel circuit detection of several detectors

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:**
toilets, equipment rooms, corridors/hallways, staircases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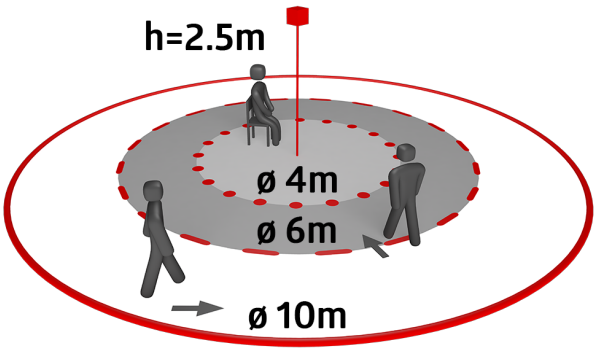
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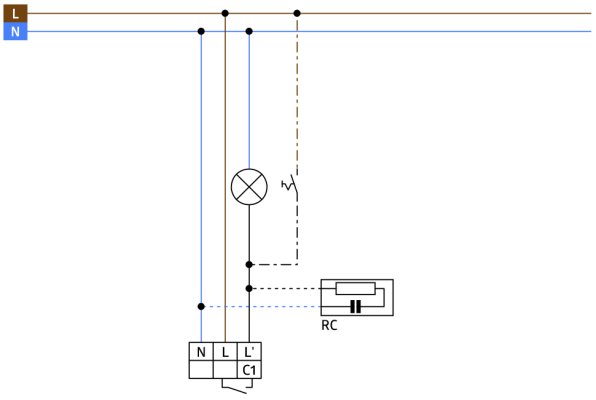
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## Accessories

**RC-Arc extinction kit**
Art.No: 10880

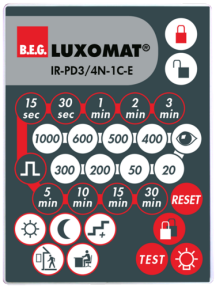
Voltage: 230 V AC ±10%
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 / Class II

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

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

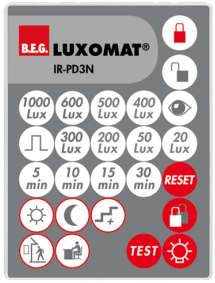
**BLE-IR-Adapter**
Art.No: 93067

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




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

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

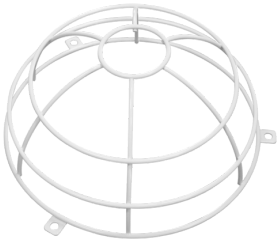



**IR-PD3N**
Art.No: 92105

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: -

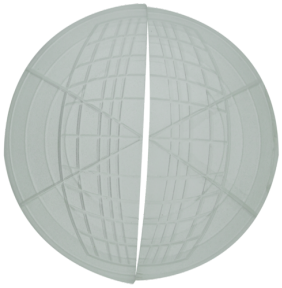


**Wire basket BSK (Ø 200 x 90 mm)**
Art.No: 92199

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

**Cover ring PD3N FM**
Art.No: 93087

Dimensions: Ø 106 x 17 mm
Housing: polycarbonate, UV-resistant
Material color: jet black mat, similar to RAL9005



**Blinds PD2N/PD3N**
Art.No: 37367

Housing: ABS