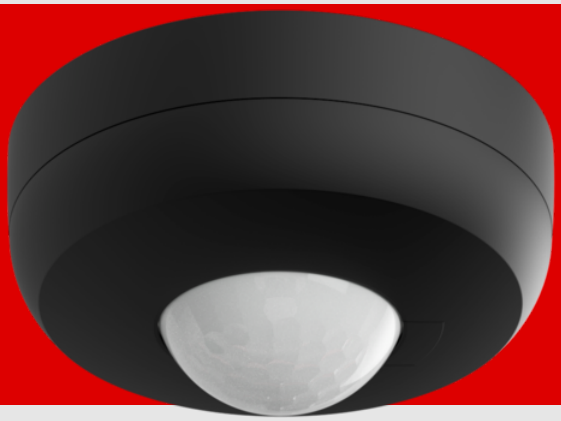
B.E.G. LUXOMAT®



# PD3N-1C-SM

93092 EAN: 4007529930920

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD3N-1C-SM | black | 93092 |

## Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms

## 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 |
| Blinds PD2N/PD3N | | 37367 |
| Pendulum mounting set PD2/3/4 SM | jet black | 93193 |

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 106 x 53 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: | IP44 / Class II |
| Impact strength: | IK04 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | black mat, similar to RAL9005 |
| **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

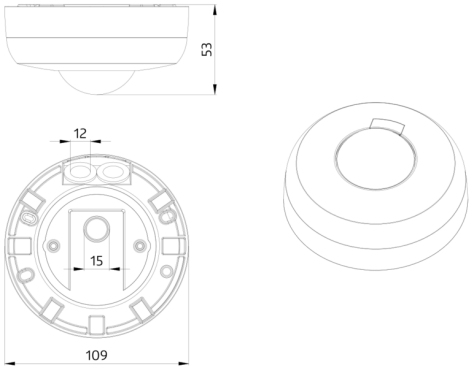
Uninterrupted parallel circuit detection of several detectors

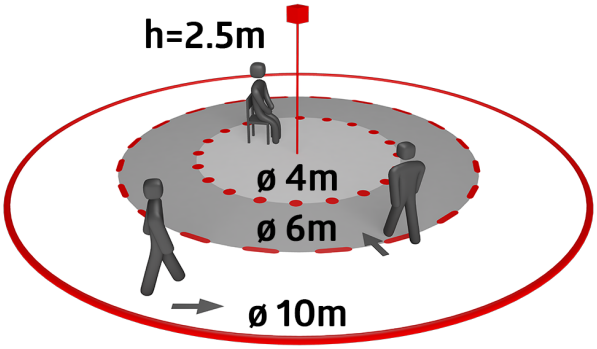
Manual switching via push-button possible

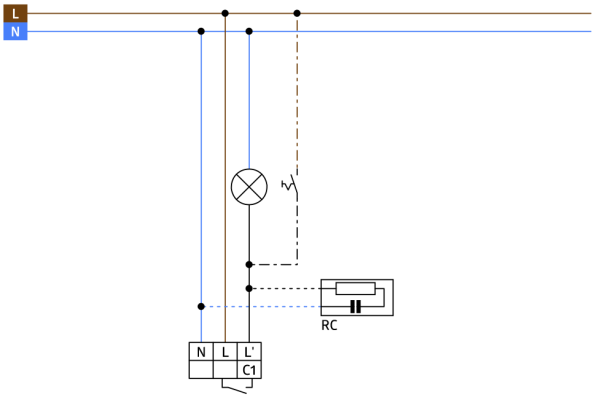
Additional functions can be set up using the optional remote control.

Factory settings 10 min and 500 lux

**Application examples:**
corridors/hallways, staircases, toilets, equipment rooms


53
12
15
109


h=2.5m
ø 4m
ø 6m
ø 10m


L
N
RC
N
L
L'
C1

## 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



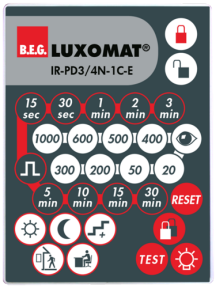
**Mini-RC-Arc extinction kit**
Art.No: 10882

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



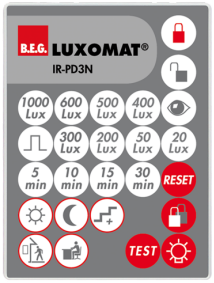
**BLE-IR-Adapter**
Art.No: 93067

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: -



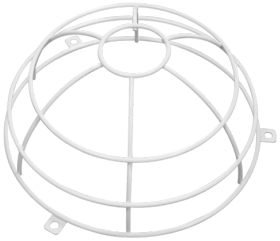

**IR-PD3N**
Art.No: 92105

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



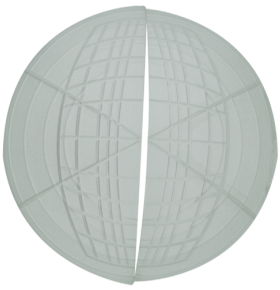
**IR-PD-Mini**
Art.No: 92159

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



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

Housing: ABS



**Pendulum mounting set PD2/3/4 SM**
Art.No: 93193

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005