B.E.G. LUXOMAT®




# PD3N-1C-NO-PF-FC

92576 EAN: 4007529925766

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

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD3N-1C-NO-PF-FC | white | 92576 |

## Areas of application

- underground car parks
- entrance halls
- corridors/hallways
- toilets
- equipment rooms
- small offices
- open-plan offices
- conference rooms

## 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 |
| Square design frame PD3N-FC | white | 92991 |
| Cover ring PD3N FC | jet black | 93086 |
| Blinds PD2N/PD3N | | 37367 |

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 83 x 81 mm |
| Power consumption: | approx. 0.4 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: | IP23 / 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, potential-free (dry))** | |
| 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, dry 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

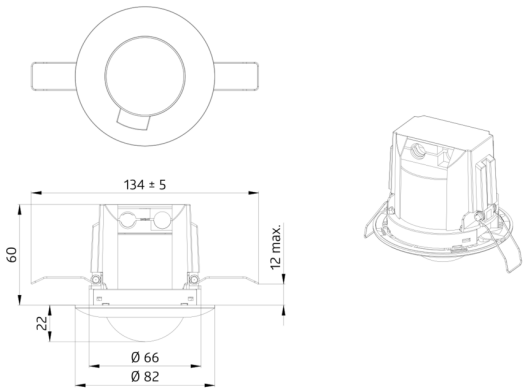
One potential-free (dry) switching contact

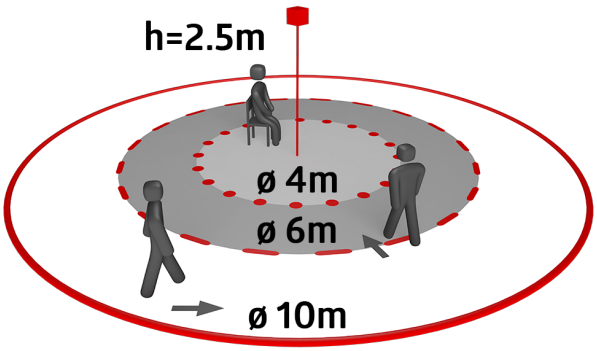
Zero crossing switching

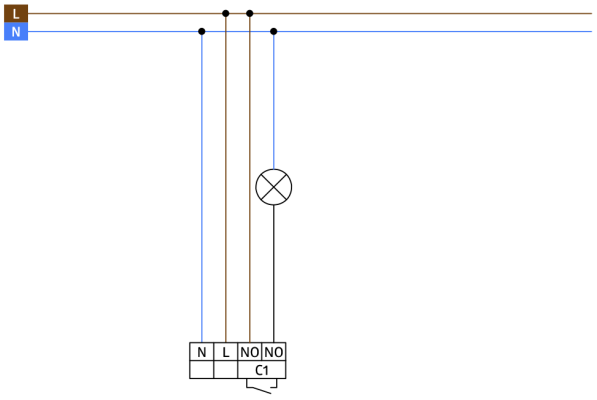
Special optical system for detection of even the smallest movements

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

**Application examples:**
underground car parks, entrance halls, corridors/hallways, toilets, equipment rooms, small offices, open-plan offices, conference rooms


134 ± 5
60
12 max.
22
Ø 66
Ø 82


h=2.5m
ø 4m
ø 6m
ø 10m


L
N
N
L
NO
NO
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



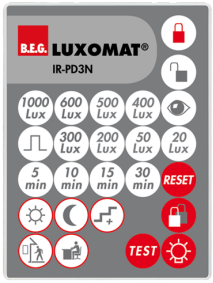
**Mini-RC-Arc extinction kit**
Art.No: 10882

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



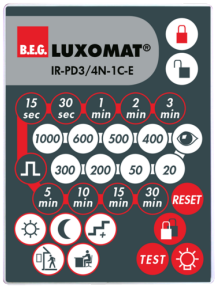
**BLE-IR-Adapter**
Art.No: 93067

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-PD3N**
Art.No: 92105

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



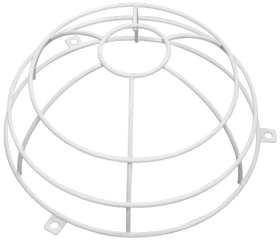

**IR-PD3/4N-1C-E**
Art.No: 93110

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



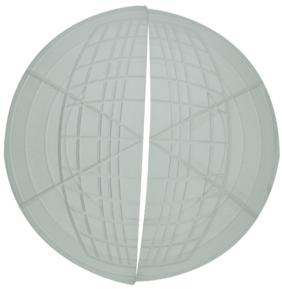
**Square design frame PD3N-FC**
Art.No: 92991

Dimensions: 83 x 83 x 8 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010



**Cover ring PD3N FC**
Art.No: 93086

Dimensions: Ø 83 x 6 mm
Housing: polycarbonate, UV-resistant
Material color: jet black mat, similar to RAL9005



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

Housing: ABS