B.E.G. LUXOMAT®




# PD4-M-1C-C-PS-FC

92480 EAN: 4007529924806

230V PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m²), for hallways, remote-controlled, NO contact, and safety circuit via NC

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD4-M-1C-C-PS-FC | white | 92480 |

## Areas of application

- corridors/hallways

## Accessories

| Designation | Colour | Art.No |
|---|---|---|
| RC-Arc extinction kit | white | 10880 |
| Mini-RC-Arc extinction kit | | 10882 |
| BLE-IR-Adapter | black | 93067 |
| IR-PD-1C | - | 92520 |
| IR-PD-1C-E | - | 92077 |
| IR-PD-Mini | - | 92159 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| Square design frame PD4-FC | pure white | 92992 |
| Blinds PD4 | transparent | 92313 |

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 97 x 103 mm |
| Power consumption: | approx. 0.7 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 40 m across max. Ø 20 m towards |
| Monitored area (tangential movement): | 250 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2.4 m / 2.6 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) = 120 A |
| Type of contact (k): | 1x µ-contact, NO contact with tungsten pre-make contact, additional NC-safety contact |
| Follow-up time: | 15 sec – 30 min, Pulse |
| Switch-on threshold: | 10 – 2000 Lux |
| Light measuring: | Mixed light measuring |

## Product information

Occupancy detector with NO contact and safety circuit by NC contact

Guarantees illumination even if sensor fails

Designed for corridors

Version as master device

Detection area can be extended by using slave devices

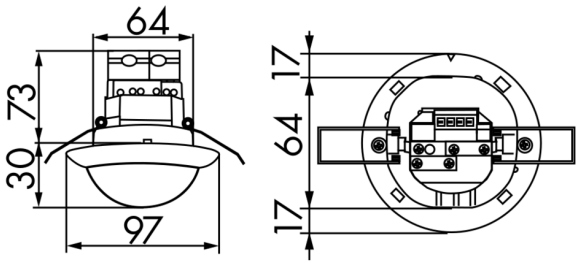
Manual switching via push-button possible

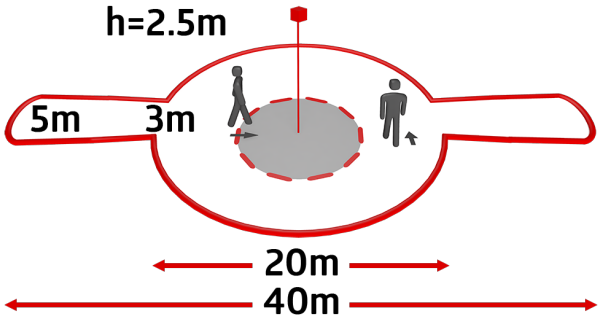
Additional functions can be set up using the optional remote control.

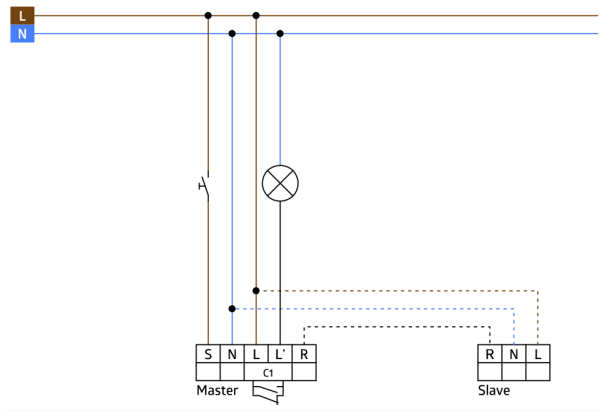
Factory settings 10 min and 500 lux

There are markings to ensure correct alignment during installation

**Application examples:**
corridors/hallways


64
73
30
97
17
64
17


h=2.5m
5m
3m
20m
40m


L
N
S
N
L
L'
R
C1
Master
R
N
L
Slave

## 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



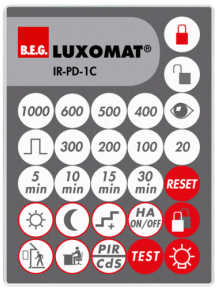
**Mini-RC-Arc extinction kit**
Art.No: 10882

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



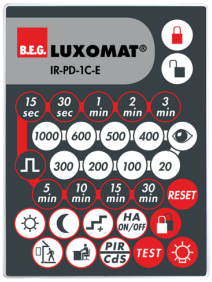
**BLE-IR-Adapter**
Art.No: 93067

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-PD-1C**
Art.No: 92520

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



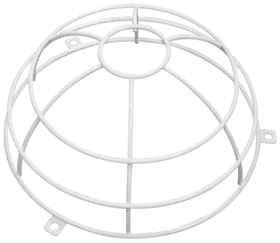

**IR-PD-1C-E**
Art.No: 92077

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 PD4-FC**
Art.No: 92992

Dimensions: 101 x 101 x 11.8 mm
Housing: polycarbonate, UV-resistant
Material color: pure white mat, similar to RAL9010



**Blinds PD4**
Art.No: 92313

Housing: Housing UV- and shockresistant Polycarbonate
Material color: transparent