

**B.E.G.****LUXOMAT®**

## PD4-M-2C-C-SM

92440 EAN: 4007529924400

230V 2-channel PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m²), suitable for hallways and remote-controlled

### Areas of application

- corridors/hallways

### Order data

| Designation   | Colour | Art.No |
|---------------|--------|--------|
| PD4-M-2C-C-SM | white  | 92440  |

### Accessories

| Designation                              | Colour      | Art.No |
|------------------------------------------|-------------|--------|
| RC-Arc extinction kit                    | white       | 10880  |
| Mini-RC-Arc extinction kit               |             | 10882  |
| BLE-IR-Adapter                           | black       | 93067  |
| IR-PD-2C                                 | -           | 92475  |
| IR-PD-Mini                               | -           | 92159  |
| Wire basket BSK (Ø 200 x 90 mm)          | white       | 92199  |
| Surface mounting socket IP65 PD4-SM IP54 | white       | 92376  |
| Wall holder PD4-SM                       | white       | 92441  |
| Blinds PD4                               | transparent | 92313  |
| Pendulum mounting set PD2/3/4 SM         | white       | 93179  |
| Pendulum mounting set PD2/3/4 SM         | jet black   | 93193  |

## Technical data

|                                        |                                                 |
|----------------------------------------|-------------------------------------------------|
| Voltage:                               | 110 – 240 V AC<br>50 / 60 Hz                    |
| Dimensions:                            | Ø 101 x 76 mm                                   |
| Power consumption:                     | < 0.5 W                                         |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)           |
| Range:                                 | max. Ø 40 m<br>across<br>max. Ø 20 m<br>towards |
| Monitored area (tangential movement):  | 250 m² / 2.5 m<br>mounting height               |
| Mounting height min./max./recommended: | 2.4 m / 2.6 m /<br>2.5 m                        |
| Degree / class of protection:          | IP54 / Class II                                 |
| Impact strength:                       | IK04                                            |
| Ambient temperature:                   | -25 °C to +50 °C                                |
| Housing:                               | polycarbonate,<br>UV-resistant                  |
| Material color:                        | white mat,<br>similar to<br>RAL9010             |

### Channel 1 (lighting control)

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

### Channel 2 (HVAC control potential-free (dry))

|                  |                                     |
|------------------|-------------------------------------|
| Switching power: | 3 A (230 V), $\cos \varphi = 1$     |
| Type of contact: | 1x µ-contact,<br>dry NO contact     |
| Follow-up time:  | 5 min – 120 min, Alarm pulse, Pulse |
| Light measuring: | Mixed light measuring               |

## Product information

Occupancy detector designed for corridors

One channel for light switching

One additional potential-free (dry) contact for HVAC

Version as master device

Detection area can be extended by using slave devices

Manual switching via push-button possible

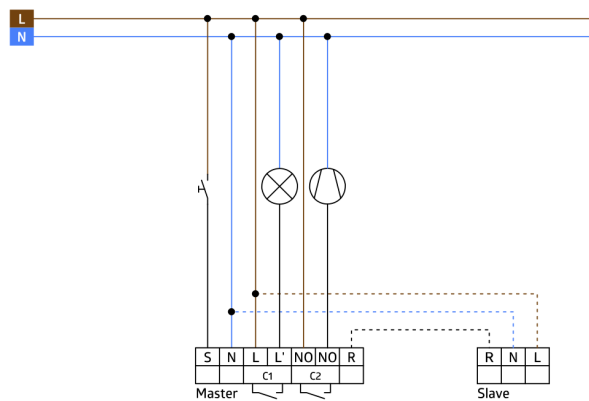
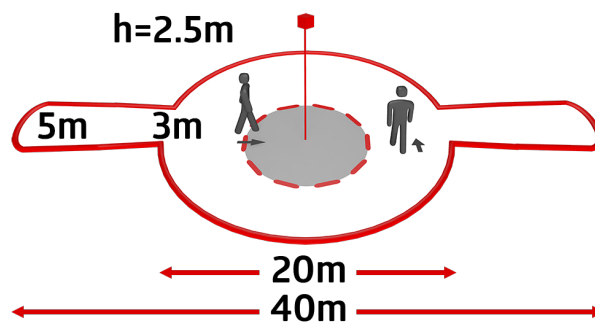
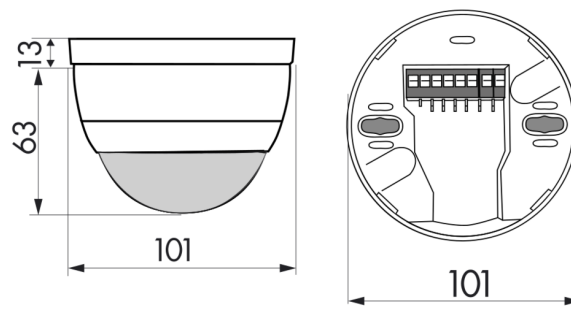
Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

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

There are markings to ensure correct alignment during installation

Factory settings 10 min and 500 lux (15 min HVAC)

### Application examples: corridors/hallways



## 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

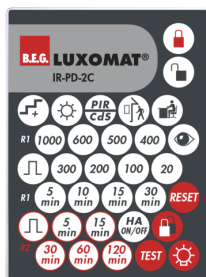
Voltage: 230 V AC  $\pm 10\%$   
Dimensions: 50 x 23 x 8 mm  
Degree / class of protection: IP20 / Class II



### 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 dBi = 5.5 dBm



### IR-PD-2C

Art.No: 92475

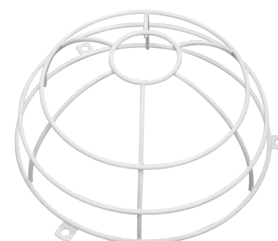
Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



### 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

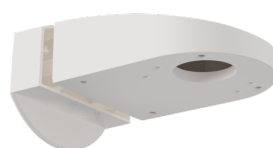
Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket



### Surface mounting socket IP65 PD4-SM IP54

Art.No: 92376

Dimensions: Ø 115 x 70 mm  
Degree / class of protection: IP65  
Impact strength: IK07



### Wall holder PD4-SM

Art.No: 92441

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



### Blinds PD4

Art.No: 92313

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



**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



**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