

**B.E.G.****LUXOMAT®**

## PD4-M-TRIO-C-3P-SM

92747 EAN: 4007529927470

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

### Order data

| Designation        | Colour | Art.No |
|--------------------|--------|--------|
| PD4-M-TRIO-C-3P-SM | white  | 92747  |

### Accessories

| Designation                      | Colour      | Art.No |
|----------------------------------|-------------|--------|
| 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  |
| Socket IP54 PD4-TRIO-SM          | white       | 92386  |
| 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 125 x 85 mm                                                  |
| Power consumption:                     | approx. 0.5 W                                                  |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 40 m<br>across |
| Range:                                 | max. Ø 20 m<br>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, potential-free (dry))

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Switching power:     | 2300 W, $\cos \varphi = 1$<br>1150 VA, $\cos \varphi = 0.5$<br>300 W LED |
| Type of contact (k): | 2x $\mu$ -contact, dry Contact NC with tungsten pre-make contact         |
| Follow-up time:      | 15 sec – 30 min, Pulse                                                   |
| Switch-on threshold: | 10 – 2000 Lux                                                            |
| Light measuring:     | Mixed light measuring                                                    |

## Product information

1-channel occupancy detector with two simultaneously operating relay outputs, which enable distribution to different phases

The switching channel with the two relay outputs closes when the operating voltage of the detector fails, so the lighting remains on as long as the two phases of the luminaires are supplied with power.

The device requires an operating voltage. The third phase can be used for this purpose.

Designed for corridors

Version as master device

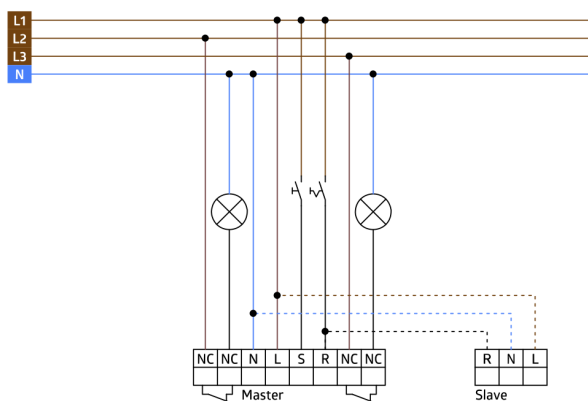
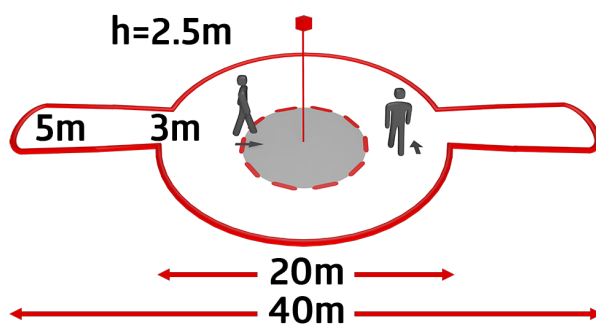
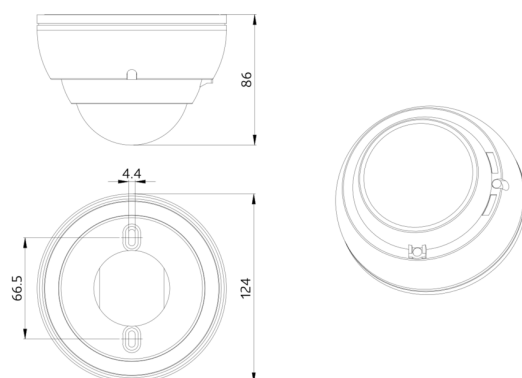
Detection area can be extended by using slave devices

Manual switching via push-button possible

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

There are markings to ensure correct alignment during installation

Typical applications: Emergency power supply networks, e.g. in hospitals or data centres.



## Accessories



### BLE-IR-Adapter

Art.No: 93067

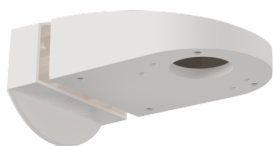
Dimensions: 40 x 55 x 103 mm  
Material color: black  
Frequency: 2.4 GHz ISM band, GFSK 0.2 dBm + 5.3 dBi = 5.5 dBm



### IR-PD-Mini

Art.No: 92159

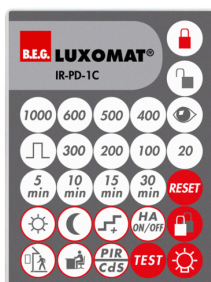
Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



### Wall holder PD4-SM

Art.No: 92441

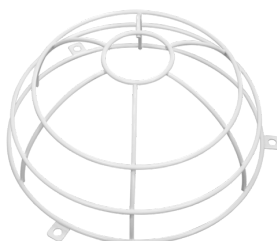
Dimensions: 130 x 100 x 53 mm  
Housing: polycarbonate, UV-resistant  
Material color: white



### IR-PD-1C

Art.No: 92520

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 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 PD4

Art.No: 92313

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



### IR-PD-1C-E

Art.No: 92077

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



### Socket IP54 PD4-TRIO-SM

Art.No: 92386

Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant  
Material color: white



### 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