

**B.E.G.****LUXOMAT®**

## PD2-M-1C-FC

92565 EAN: 4007529925650

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

### Areas of application

- equipment rooms
- small offices
- entrance halls
- corridors/hallways
- staircases
- toilets
- open-plan offices
- conference rooms

### Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| PD2-M-1C-FC | white  | 92565  |

### 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  |
| Cover ring PD2/PD3 FC           |        | 93085  |
| Blinds PD2-FC                   |        | 36635  |

## Technical data

|                                        |                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------|
| Voltage:                               | 110 – 240 V AC<br>50 / 60 Hz                                                                           |
| Dimensions:                            | Ø 80 x 85 mm                                                                                           |
| Power consumption:                     | approx. 0.4 W                                                                                          |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| Range:                                 | 78 m² / 2.5 m mounting height                                                                          |
| Monitored area (tangential movement):  | 2 m / 5 m / 2.5 m                                                                                      |
| Mounting height min./max./recommended: |                                                                                                        |
| Degree / class of protection:          | IP20 / Class II                                                                                        |
| Impact strength:                       | IK05                                                                                                   |
| 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>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, dry NO contact 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

Occupancy detector with one potential-free dry contact

Version as master device

One channel for light switching

Detection area can be extended by using slave devices

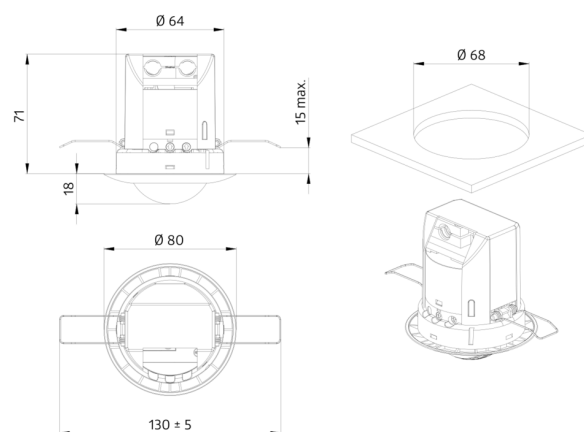
Manual switching via push-button possible

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

Factory settings 10 min and 500 lux

### Application examples:

equipment rooms, small offices, entrance halls, corridors/hallways, staircases, toilets, open-plan offices, conference rooms



## 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

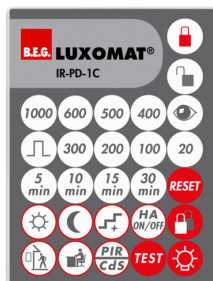
Voltage: 230 V AC  $\pm 10\%$   
 Dimensions: 50 x 23 x 8 mm  
 Degree / class of protection: IP20 / Class II



### BLE-IR-Adapter

Art.No: 93067

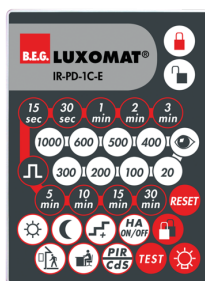
Dimensions: 40 x 55 x 103 mm  
 Material color: black  
 Frequency: 2.4 GHz ISM band, GFSK  
 0.2 dBm + 5.3 dBi = 5.5 dBm



### IR-PD-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

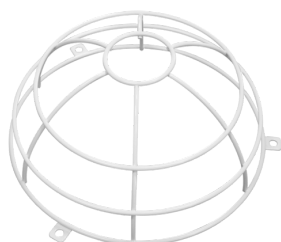
Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 80 x 60 x 8 mm  
 Material color: -



### 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



### Cover ring PD2/PD3 FC

Art.No: 93085

Dimensions: Ø 84 x 9 mm  
 Housing: polycarbonate, UV-resistant  
 Material color: jet black glossy, similar to RAL9005



### Blinds PD2-FC

Art.No: 36635

Housing: polycarbonate, UV-resistant  
 Material color: transparent