

**B.E.G.****LUXOMAT®**

## PD2-M-2C-FM

Prod.No. 92155 EAN: 4007529921553

230V 2-channel PIR motion detector with 360° detection and a range of up to Ø10m (78 m<sup>2</sup>), remote-controlled

### Areas of application

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

### Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| PD2-M-2C-FM | white  | 92155  |

### 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  |
| Blinds PD2-SM                   |        | 92260  |

## Technical data

|   |   |
|---|---|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz  |
| Dimensions:                               | Ø 98 x 65 mm  |
| Power consumption:                        | approx. 0.5 W   |
| Detection area:                           | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 10 m<br>across<br>max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated |
| Range:                                    |   |
| Monitored area (tangential movement):     | 78 m <sup>2</sup> / 2.5 m<br>mounting<br>height   |
| Mounting height<br>min./max./recommended: | 2 m / 5 m / 2.5<br>m  |
| Degree / class of<br>protection:          | IP20 / Class II   |
| Impact strength:                          | IK05  |
| Ambient temperature:                      | -25 °C to +50<br>°C   |
| Housing:                                  | polycarbonate,<br>UV-resistant  |
| Material color:                           | white mat,<br>similar to<br>RAL9010   |

### Channel 1 (lighting control)

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

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

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

## Product information

|  |
|--|
| Occupancy detector with circular detection area  |
| 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.                      |
| Factory settings 10 min and 500 lux (15 min HVAC)  |
| Zero crossing switching  |

### Application examples:

entrance halls, small offices, corridors/hallways, toilets, equipment rooms, 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



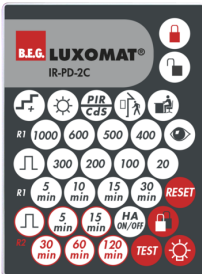
**Mini-RC-Arc extinction kit**  
Art.No: 10882

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



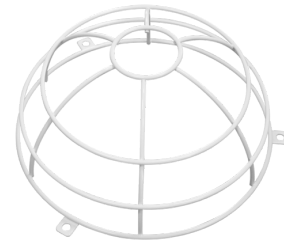
**IR-PD-2C**  
Art.No: 92475

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



**Blinds PD2-SM**  
Art.No: 92260

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