

**B.E.G.****LUXOMAT®**

## PD2-M-2C-FM

92155 EAN: 4007529921553

230V 2-channel PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled

### Order data

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

### Areas of application

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

### 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 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: | IP20 / Class II                                                                                        |
| Degree / class of protection:          | IK05                                                                                                   |
| Impact strength:                       | -25 °C to +50 °C                                                                                       |
| Ambient temperature:                   | polycarbonate, UV-resistant                                                                            |
| Housing:                               | white mat, similar to RAL9010                                                                          |
| Material color:                        |                                                                                                        |

### 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, 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))

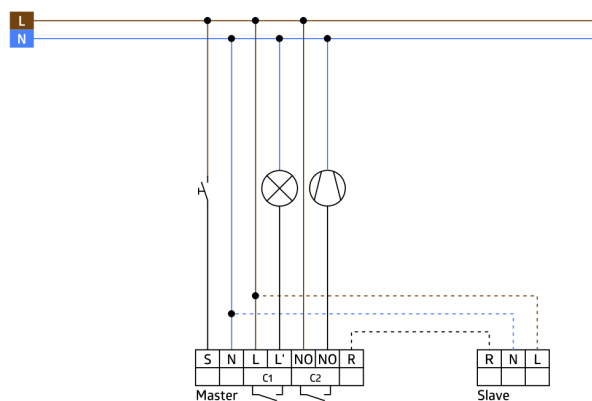
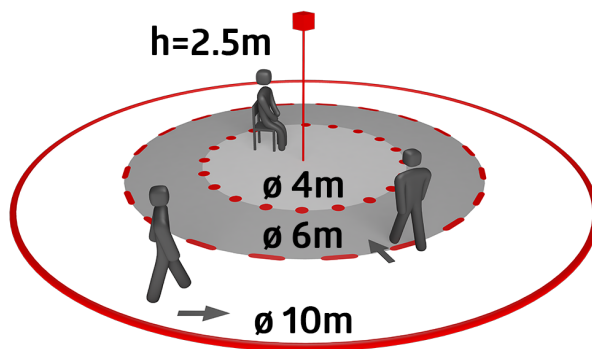
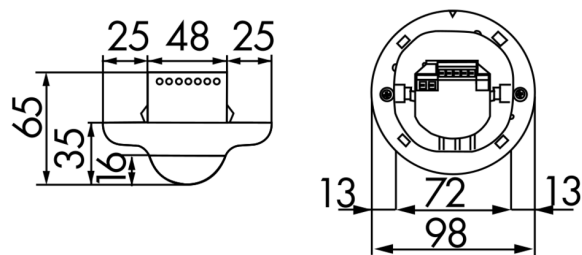
|                  |                                     |
|------------------|-------------------------------------|
| Switching power: | 3 A (230 V), $\cos \varphi = 1$     |
| Type of contact: | 1x µ-contact, dry NO contact        |
| Follow-up time:  | 5 min – 120 min, Alarm pulse, Pulse |
| Light measuring: | Mixed light 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 ±10%  
 Dimensions: 38 x 12 x 26 mm  
 Degree / class of protection: IP20 / Class II



### Mini-RC-Arc extinction kit

Art.No: 10882

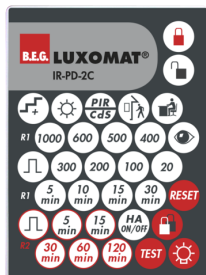
Voltage: 230 V AC ±10%  
 Dimensions: 50 x 23 x 8 mm  
 Degree / class of protection: IP20 / Class II



### 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-2C

Art.No: 92475

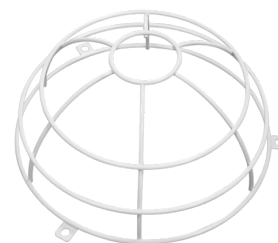
Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 80 x 60 x 8 mm  
 Material color: -



### 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