

**B.E.G.****LUXOMAT®**

## PD3N-1C-SM

93092 EAN: 4007529930920

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

### Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms

### Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| PD3N-1C-SM  | black  | 93092  |

### Accessories

| Designation                      | Colour    | Art.No |
|----------------------------------|-----------|--------|
| RC-Arc extinction kit            | white     | 10880  |
| Mini-RC-Arc extinction kit       |           | 10882  |
| BLE-IR-Adapter                   | black     | 93067  |
| IR-PD3/4N-1C-E                   | -         | 93110  |
| IR-PD3N                          | -         | 92105  |
| IR-PD-Mini                       | -         | 92159  |
| Wire basket BSK (Ø 200 x 90 mm)  | white     | 92199  |
| Blinds PD2N/PD3N                 |           | 37367  |
| Pendulum mounting set PD2/3/4 SM | jet black | 93193  |

## Technical data

|                                        |                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------|
| Voltage:                               | 110 – 240 V AC<br>50 / 60 Hz                                                                           |
| Dimensions:                            | Ø 106 x 53 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: |                                                                                                        |
| Degree / class of protection:          | IP44 / Class II                                                                                        |
| Impact strength:                       | IK04                                                                                                   |
| Ambient temperature:                   | -25 °C to +50 °C                                                                                       |
| Housing:                               | polycarbonate, UV-resistant                                                                            |
| Material color:                        | black mat, similar to RAL9005                                                                          |

### Channel 1 (lighting control)

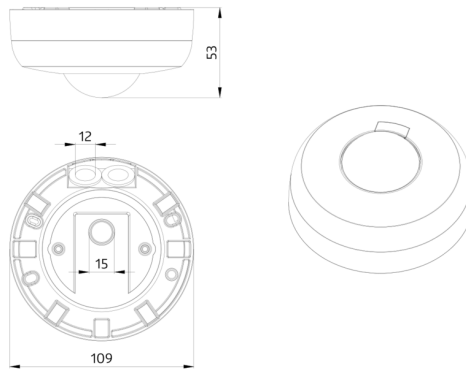
|                      |                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                       |

## Product information

|                                                                       |
|-----------------------------------------------------------------------|
| Remote control-capable ceiling motion detector                        |
| One channel for light switching                                       |
| Zero crossing switching                                               |
| Special optical system for detection of even the smallest movements   |
| Uninterrupted parallel circuit detection of several detectors         |
| 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:

corridors/hallways, staircases, toilets, equipment 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

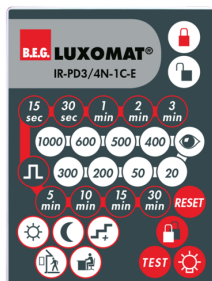
Voltage: 230 V AC ±10%  
 Dimensions: 50 x 23 x 8 mm  
 Degree / class of protection: IP20 / Class II



### 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-PD3/4N-1C-E

Art.No: 93110

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



### IR-PD3N

Art.No: 92105

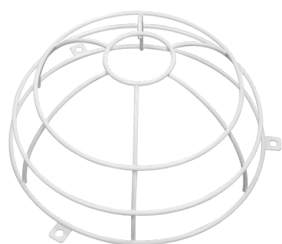
Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 80 x 60 x 8 mm  
 Material color: -



### IR-PD-Mini

Art.No: 92159

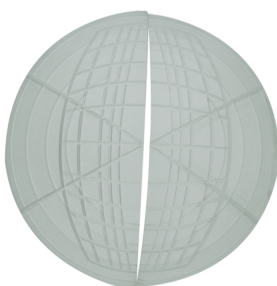
Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 57 x 35 x 7 mm  
 Material color: -



### 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 PD2N/PD3N

Art.No: 37367

Housing: ABS



### 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