

**B.E.G.****LUXOMAT®**

## PD3N-1C-SM

Prod.No. 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  |

## 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<br>across |
| Range:                                    | max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated                  |
| 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:          | IP44 / Class II  |
| Impact strength:                          | IK04   |
| Ambient temperature:                      | -25 °C to +50<br>°C  |
| Housing:                                  | polycarbonate,<br>UV-resistant                                 |
| Material color:                           | black mat,<br>similar to<br>RAL9005                            |

### 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  |

## 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: -



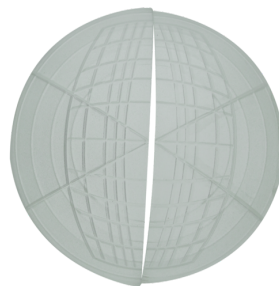
**IR-PD-Mini**  
Art.No: 92159

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