

**B.E.G.**

**LUXOMAT®**



## PD3N-1C-SM Set 93092-92199

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

### Order data

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| PD3N-1C-SM                      | black  | 93092  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |

### Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms

## Technical data

|                                           |                                                                                                 |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                                                    |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>                                                                |
| Power consumption:                        | approx. 0.5 W<br>horizontal 360°                                                                |
| Detection area:                           | (Ceiling<br>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<br>(tangential movement):  | 78 m² / 2.5 m<br>mounting 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:                          | <b>IK09 (92199)</b>                                                                             |
| Ambient temperature:                      | -25 °C to +50 °C                                                                                |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b>                    |
| Material color:                           | black mat,<br>similar to<br>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<br>current $I_p$ (20<br>ms) = 165 A<br>max. inrush<br>current $I_p$ (200<br>µs) = 800 A |
| Type of contact (k): | 1x µ-contact, NO<br>contact with<br>tungsten pre-<br>make contact                                                                                                               |
| Follow-up time:      | 15 sec – 30 min,<br>Pulse                                                                                                                                                       |
| Switch-on threshold: | 10 – 2000 Lux                                                                                                                                                                   |

## Product information

Set : PD3N-1C-SM + Wire basket BSK (Ø 200 x 90 mm) white

Remote control-capable ceiling motion detector

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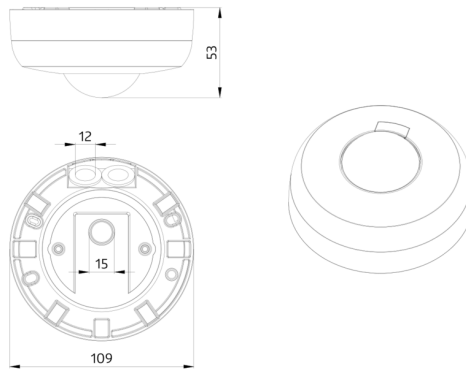
Special optical system for detection of even the smallest movements

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



## Set items

To receive the bundle according to the technical specification, please order the items listed.



### **PD3N-1C-SM**

Art.No: 93092

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 106 x 53 mm

Power consumption: approx. 0.5 W



### **Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket