

**B.E.G.****LUXOMAT®**

## PD2-M-2C-SM Set 92150-92441

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-SM        | white  | 92150  |
| Wall holder PD4-SM | white  | 92441  |

### Areas of application

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

## Technical data

|                                           |                                                                                                                    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                                                                       |
| Dimensions:                               | <b>Ø 98 x 47 mm<br/>+ 130 x 100 x<br/>53 mm<br/>(92441)</b>                                                        |
| Power consumption:                        | approx. 0.5 W                                                                                                      |
| Detection area:                           | horizontal 360°<br>(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 (tangential<br>movement):  | 78 m² / 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 |

## Product information

Set : PD2-M-2C-SM + Wall holder PD4-SM white

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

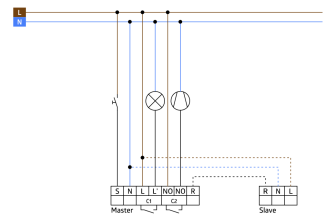
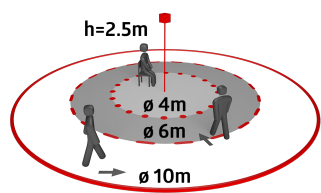
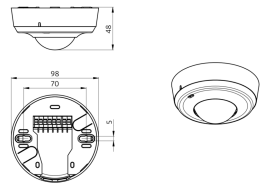
Additional functions can be set up using the optional remote  
control.

Factory settings 10 min and 500 lux (15 min HVAC)

Zero crossing switching

Follow-up time: 5 min – 120 min, Alarm pulse, Pulse

Light measuring: Mixed light measuring



## Set items

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



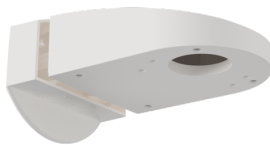
### **PD2-M-2C-SM**

Art.No: 92150

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 98 x 47 mm

Power consumption: approx. 0.5 W



### **Wall holder PD4-SM**

Art.No: 92441

Dimensions: 130 x 100 x 53 mm

Housing: polycarbonate, UV-resistant

Material color: white