

**B.E.G.****LUXOMAT®**

## PD4-M-2C-C-SM Set 92440-92441

230V 2-channel PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m²), suitable for hallways and remote-controlled

### Order data

| Designation        | Colour | Art.No |
|--------------------|--------|--------|
| PD4-M-2C-C-SM      | white  | 92440  |
| Wall holder PD4-SM | white  | 92441  |

### Areas of application

- corridors/hallways

## Technical data

|                                           |                                                              |
|-------------------------------------------|--------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                 |
| Dimensions:                               | <b>Ø 101 x 76<br/>mm + 130 x<br/>100 x 53 mm<br/>(92441)</b> |
| Power consumption:                        | < 0.5 W                                                      |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)                     |
| Range:                                    | max. Ø 40 m<br>across<br>max. Ø 20 m<br>towards              |
| Monitored area (tangential<br>movement):  | 250 m <sup>2</sup> / 2.5 m<br>mounting<br>height             |
| Mounting height<br>min./max./recommended: | 2.4 m / 2.6 m /<br>2.5 m                                     |
| Degree / class of<br>protection:          | IP54 / Class II                                              |
| Impact strength:                          | IK04                                                         |
| 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      |
| Follow-up time:  | 5 min – 120<br>min, Alarm<br>pulse, Pulse |

## Product information

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

Occupancy detector designed for corridors

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

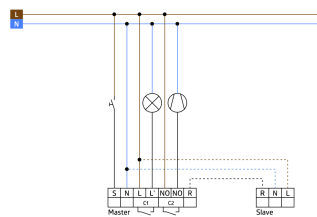
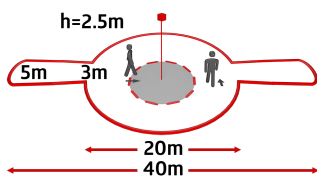
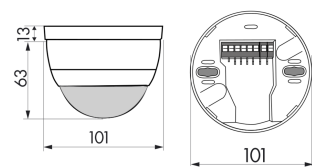
Alarm pulse: the detector triggers only when three  
movements are detected within 9 seconds

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

There are markings to ensure correct alignment during  
installation

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

Light measuring:                      Mixed light measuring



## Set items

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



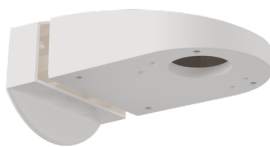
### **PD4-M-2C-C-SM**

Art.No: 92440

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 101 x 76 mm

Power consumption: < 0.5 W



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

Art.No: 92441

Dimensions: 130 x 100 x 53 mm

Housing: polycarbonate, UV-resistant

Material color: white