

**B.E.G.****LUXOMAT®**

## PD2-M-2C-12-48V-3A-SM Set 92154-92441

12-48 V 2-channel PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled

### Order data

**Designation**

PD2-M-2C-12-48V-3A-SM  
Wall holder PD4-SM

**Colour**

white  
white

**Art.No**

92154  
92441

### Areas of application

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

## Technical data

|                                           |                                                                        |
|-------------------------------------------|------------------------------------------------------------------------|
| Voltage:                                  | 12 – 48 V AC /<br>DC                                                   |
| Dimensions:                               | <b>Ø 98 x 47 mm<br/>+ 130 x 100 x<br/>53 mm<br/>(92441)</b>            |
| Power consumption:                        | < 1 W                                                                  |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)                               |
| Range:                                    | max. Ø 10 m<br>across<br>max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated |
| 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, potential-free (dry))

|                       |                                      |
|-----------------------|--------------------------------------|
| Switching power:      | 3 A; cos $\phi$ = 1                  |
| Type of contact (k):  | 1x $\mu$ -contact,<br>dry NO contact |
| Follow-up time:       | 15 sec – 30<br>min, Pulse            |
| Brightness set value: | 10 – 2000 Lux                        |

### Channel 2 (HVAC control potential-free (dry))

|                  |                                           |
|------------------|-------------------------------------------|
| Switching power: | 3 A; cos $\phi$ = 1                       |
| Type of contact: | 1x $\mu$ -contact,<br>dry NO contact      |
| Follow-up time:  | 5 min – 120<br>min, Alarm<br>pulse, Pulse |
| Light measuring: | Mixed light<br>measuring                  |

## Product information

Set : PD2-M-2C-12-48V-3A-SM + Wall holder PD4-SM  
white

Occupancy detector with operating voltage of 12-48 V

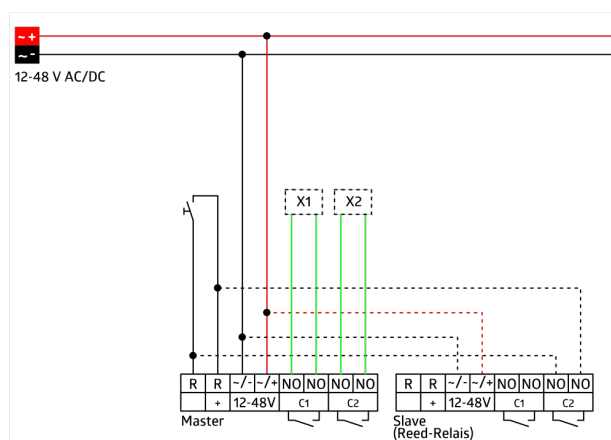
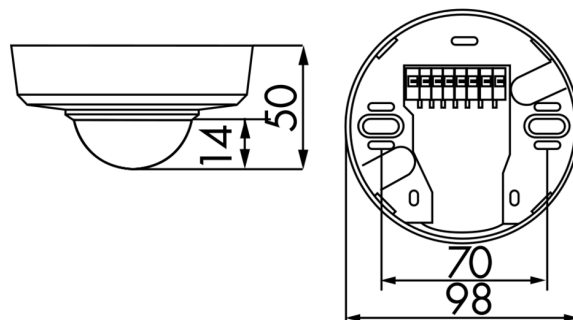
Two potential-free (dry) channels

Can be used as either Master device or Slave device

Manual switching via push-button possible

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

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



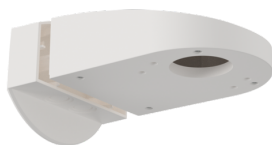
## Set items

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



**PD2-M-2C-12-48V-3A-SM**  
Art.No: 92154

Voltage: 12 – 48 V AC / DC  
Dimensions: Ø 98 x 47 mm  
Power consumption: < 1 W



**Wall holder PD4-SM**  
Art.No: 92441

Dimensions: 130 x 100 x 53 mm  
Housing: polycarbonate, UV-resistant  
Material color: white