

**B.E.G.****LUXOMAT®**

# PD2-M-2C-12-48V-RR-FC

Prod.No. 92306 EAN: 4007529923069

12-48 V 2-channel PIR motion detector with 360° coverage and a range of up to Ø10m (78 m<sup>2</sup>), remote-controlled and equipped with a reed relay

## Areas of application

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

## Order data

| Designation           | Colour | Art.No |
|-----------------------|--------|--------|
| PD2-M-2C-12-48V-RR-FC | white  | 92306  |

## Accessories

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| BLE-IR-Adapter                  | black  | 93067  |
| IR-PD-2C                        | -      | 92475  |
| IR-PD-Mini                      | -      | 92159  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |
| Cover ring PD2/PD3 FC           |        | 93085  |
| Blinds PD2-FC                   |        | 36635  |

## Technical data

|  |  |
|--|--|
| Voltage:                               | 12 - 48 V AC / DC  |
| Dimensions:                            | Ø 80 x 85 mm   |
| Power consumption:                     | < 1 W  |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| Range:                                 |  |
| Monitored area (tangential movement):  | 78 m <sup>2</sup> / 2.5 m mounting height  |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m  |
| Degree / class of protection:          | IP20 / Class II  |
| Impact strength:                       | IK05   |
| Ambient temperature:                   | -25 °C to +50 °C   |
| Housing:                               | polycarbonate, UV-resistant  |
| Material color:                        | white mat, similar to RAL9010  |

### Channel 1 (lighting control, potential-free (dry))

|                       |                                       |
|-----------------------|---------------------------------------|
| Switching power:      | 0.1 A; cos $\phi$ = 1 with Reed relay |
| Type of contact (k):  | 1x $\mu$ -contact, dry NO contact     |
| Follow-up time:       | 15 sec - 30 min, Pulse                |
| Brightness set value: | 10 - 2000 Lux                         |

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

|                  |                                       |
|------------------|---------------------------------------|
| Switching power: | 0.1 A; cos $\phi$ = 1 with Reed relay |
| Type of contact: | 1x $\mu$ -contact, dry NO contact     |
| Follow-up time:  | 5 min - 120 min, Alarm pulse, Pulse   |
| Light measuring: | Mixed light measuring                 |

## Product information

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)

### Application examples:

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

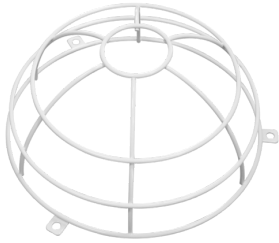


## Accessories



**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



**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket



**IR-PD-2C**  
Art.No: 92475

Battery: 3.0 V Lithium CR2032  
(inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



**Cover ring PD2/PD3 FC**  
Art.No: 93085

Dimensions: Ø 84 x 9 mm  
Housing: polycarbonate, UV-resistant  
Material color: jet black glossy,  
similar to RAL9005



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

Battery: 3.0 V Lithium CR2032  
(inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



**Blinds PD2-FC**  
Art.No: 36635

Housing: polycarbonate, UV-  
resistant  
Material color: transparent