

**B.E.G.****LUXOMAT®**

## PD4-M-1C-C-FC Set 92586-92992

230V PIR motion sensor 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-1C-C-FC              | white      | 92586  |
| Square design frame PD4-FC | pure white | 92992  |

### Areas of application

- corridors/hallways

## Technical data

|                                        |                                                                                          |
|----------------------------------------|------------------------------------------------------------------------------------------|
| Voltage:                               | 110 – 240 V AC<br>50 / 60 Hz                                                             |
| Dimensions:                            | Ø 97 x 103 mm                                                                            |
| Power consumption:                     | approx. 0.5 W                                                                            |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 40 m<br>across<br>max. Ø 20 m<br>towards |
| Range:                                 |                                                                                          |
| Monitored area (tangential movement):  | 250 m² / 2.5 m mounting height                                                           |
| Mounting height min./max./recommended: | 2.4 m / 2.6 m / 2.5 m                                                                    |
| Degree / class of protection:          | IP20 / Class II                                                                          |
| Impact strength:                       | IK04                                                                                     |
| 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:     | 2300 W, $\cos \varphi = 1$<br>1150 VA, $\cos \varphi = 0.5$<br>800 W LED<br>max. inrush current $I_p$ (20 ms) = 165 A<br>max. inrush current $I_p$ (200 µs) = 800 A |
| Type of contact (k): | 1x µ-contact, dry NO contact with tungsten pre-make contact                                                                                                         |
| Follow-up time:      | 15 sec – 30 min, Pulse                                                                                                                                              |
| Switch-on threshold: | 10 – 2000 Lux                                                                                                                                                       |
| Light measuring:     | Mixed light measuring                                                                                                                                               |

## Product information

Set : PD4-M-1C-C-FC + Square design frame PD4-FC pure white mat, similar to RAL9010

Occupancy detector designed for corridors

One potential-free (dry) switching contact

Version as master device

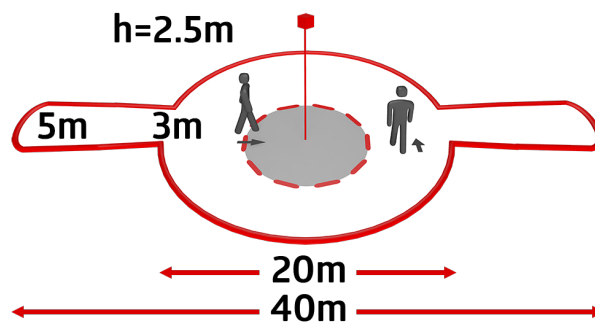
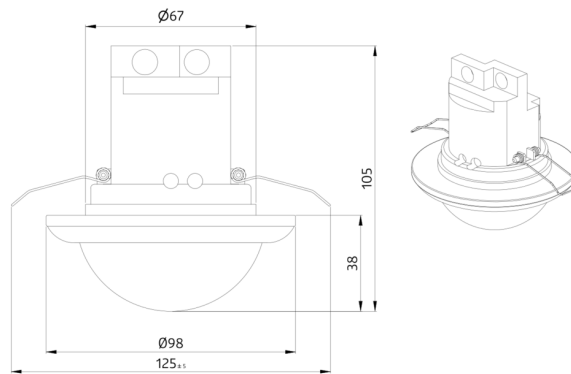
Detection area can be extended by using slave devices

Manual switching via push-button possible

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

Factory settings 10 min and 500 lux

There are markings to ensure correct alignment during installation



## Set items

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



### **PD4-M-1C-C-FC**

Art.No: 92586

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 97 x 103 mm

Power consumption: approx. 0.5 W



### **Square design frame PD4-FC**

Art.No: 92992

Dimensions: 101 x 101 x 11.8 mm

Housing: polycarbonate, UV-resistant

Material color: pure white mat, similar to RAL9010