

**B.E.G.****LUXOMAT®**

## Indoor 180-M-2C covering included

92136 EAN: 4007529921362

230V 2-channel PIR wall-mounted motion detector with 180° detection angle and a range of up to 10 m (150 m²), with acoustic sensor

### Areas of application

- corridors/hallways
- toilets
- entrance halls
- staircases
- equipment rooms

### Order data

| Designation                       | Colour     | Art.No |
|-----------------------------------|------------|--------|
| Indoor 180-M-2C covering included | pure white | 92136  |

### Accessories

| Designation                         | Colour        | Art.No |
|-------------------------------------|---------------|--------|
| BLE-IR-Adapter                      | black         | 93067  |
| IR-PD-2C                            | -             | 92475  |
| IR-PD-Mini                          | -             | 92159  |
| Frame IP20 Indoor 180               | pure white    | 92630  |
| Frame IP20 Indoor 180               | traffic white | 92631  |
| Frame IP20 Indoor 180               | anthracite    | 92634  |
| Frame IP54 Indoor 180               | pure white    | 92139  |
| Frame IP20 Indoor 180               | oyster white  | 92632  |
| Frame IP20 Indoor 180               | silver        | 92633  |
| Surface mounting socket Indoor 180  | pure white    | 92141  |
| Central plate Indoor 180 45x45      | traffic white | 38947  |
| Central plate Indoor 180 45x45      | oyster white  | 39076  |
| Central plate Indoor 180 55 x 55 mm | pure white    | 39222  |

|                                         |               |       |
|-----------------------------------------|---------------|-------|
| Central plate Indoor 180 55 x 55 mm     | traffic white | 39223 |
| Central plate Indoor 180 55 x 55 mm     | signal white  | 39241 |
| Central plate Indoor 180 55x55          | traffic white | 39242 |
| Central plate Indoor 180 S1 56x56       | pure white    | 35126 |
| Central plate Indoor 180 56x56 modular2 | pure white    | 35127 |
| Blinds Indoor 180 transparent           |               | 92294 |
| Blind Indoor 180                        |               | 33233 |
| protective cap Indoor 180               |               | 92018 |

## Technical data

|                                           |                                                                                  |
|-------------------------------------------|----------------------------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                                     |
| Dimensions:                               | covering<br>included 87 x<br>87 x 61 mm                                          |
| Power consumption:                        | approx. 0.4 W                                                                    |
| Detection area:                           | horizontal 180°<br>(Wall mounting)<br>max. 10 m<br>across<br>max. 3 m<br>towards |
| Range:                                    |                                                                                  |
| Monitored area (tangential movement):     | 150 m <sup>2</sup> / 1.1 m<br>mounting<br>height                                 |
| Mounting height<br>min./max./recommended: | 1 m / 2.2 m /<br>1.1 m                                                           |
| Degree / class of protection:             | IP20 / Class II                                                                  |
| Impact strength:                          | IK05                                                                             |
| Ambient temperature:                      | -25 °C to +50 °C                                                                 |
| Housing:                                  | polycarbonate,<br>UV-resistant                                                   |
| Material color:                           | pure 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>µs) = 800 A |
| Type of contact (k): | 1x µ-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))

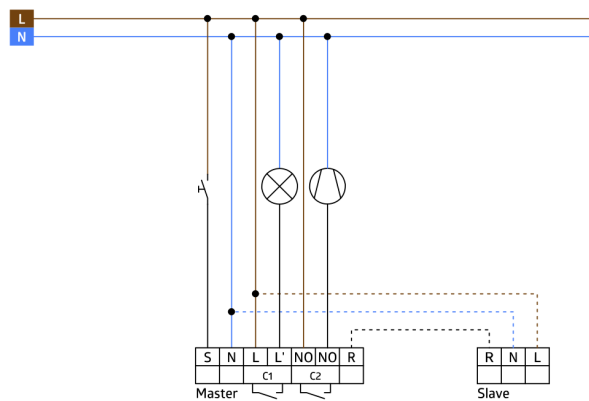
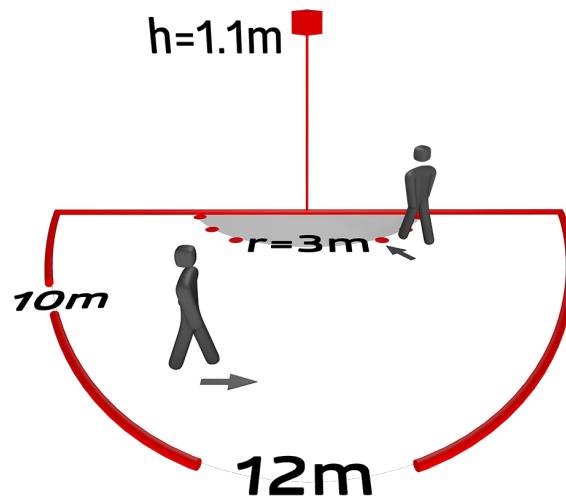
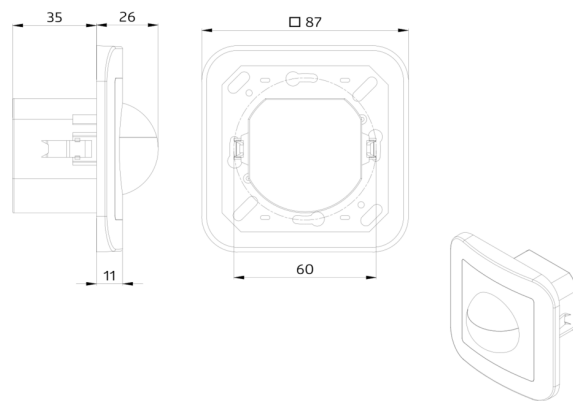
|                  |                                           |
|------------------|-------------------------------------------|
| Switching power: | 3 A (230 V), $\cos \varphi$<br>= 1        |
| Type of contact: | 1x µ-contact,<br>dry NO contact           |
| Follow-up time:  | 5 min – 120<br>min, Alarm<br>pulse, Pulse |

## Product information

|                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wall occupancy detector with acoustic sensor                                                                                                                       |
| 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                                                                                                              |
| Acoustic sensor independently adjustable                                                                                                                           |
| Noise automatically extends follow-up time                                                                                                                         |
| Available with covering (centre plate dimensions 60 x 60 mm) or without covering for use with covering (centre plate dimensions 50 x 50 mm) in 5 different colours |
| In combination with centre plates usable with current frame systems of various manufacturers                                                                       |
| B.E.G. frames and centre plates for combination with other frame systems available                                                                                 |
| Factory settings 10 min and 500 lux (15 min HVAC)                                                                                                                  |

### Application examples:

corridors/hallways, toilets, entrance halls, staircases, equipment rooms



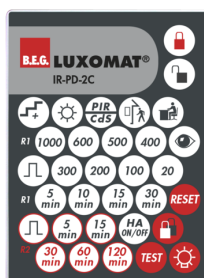
## Accessories



### 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



### IR-PD-2C

Art.No: 92475

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



### IR-PD-Mini

Art.No: 92159

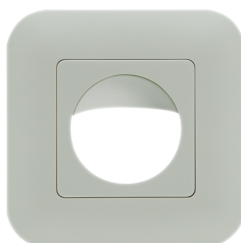
Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



### Frame IP20 Indoor 180

Art.No: 92630

Dimensions: 86 x 86 mm  
Degree / class of protection: IP20  
Housing: polycarbonate, UV-resistant



### Frame IP20 Indoor 180

Art.No: 92631

Dimensions: 86 x 86 mm  
Degree / class of protection: IP20  
Housing: polycarbonate, UV-resistant



### Frame IP20 Indoor 180

Art.No: 92634

Dimensions: 86 x 86 mm  
Degree / class of protection: IP20  
Housing: polycarbonate, UV-resistant



### Frame IP54 Indoor 180

Art.No: 92139

Dimensions: 87 x 87 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



### Frame IP20 Indoor 180

Art.No: 92632

Dimensions: 86 x 86 mm  
Degree / class of protection: IP20  
Housing: polycarbonate, UV-resistant



### Frame IP20 Indoor 180

Art.No: 92633

Dimensions: 86 x 86 mm  
Degree / class of protection: IP20  
Housing: polycarbonate, UV-resistant



**Surface mounting socket Indoor 180**

Art.No: 92141

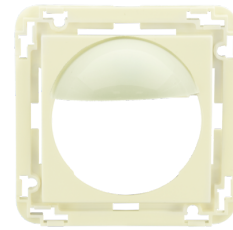
Dimensions: 88 x 88 x 42 mm  
Degree / class of protection: IP54  
Impact strength: IK05



**Central plate Indoor 180 45x45**

Art.No: 38947

Dimensions: 45 x 45 mm  
Material color: traffic white mat, similar to RAL9016



**Central plate Indoor 180 45x45**

Art.No: 39076

Dimensions: 45 x 45 mm  
Housing: polycarbonate, UV-resistant  
Material color: oyster white mat, similar to RAL1013



**Central plate Indoor 180 55 x 55 mm**

Art.No: 39222

Dimensions: 55 x 55 mm  
Housing: polycarbonate, UV-resistant  
Material color: pure white glossy, similar to RAL9010



**Central plate Indoor 180 55 x 55 mm**

Art.No: 39223

Dimensions: 55 x 55 mm  
Housing: polycarbonate, UV-resistant  
Material color: traffic white glossy



**Central plate Indoor 180 55 x 55 mm**

Art.No: 39241

Dimensions: 55 x 55 mm  
Housing: polycarbonate, UV-resistant  
Material color: signal white glossy, similar to RAL9003



**Central plate Indoor 180 55x55**

Art.No: 39242

Dimensions: 55 x 55 mm  
Housing: polycarbonate, UV-resistant  
Material color: traffic white glossy, similar to RAL9016



**Central plate Indoor 180 S1 56x56**

Art.No: 35126

Dimensions: 56 x 56 mm  
Housing: polycarbonate, UV-resistant  
Material color: pure white glossy, similar to RAL9010



**Central plate Indoor 180 56x56 modular2**

Art.No: 35127

Dimensions: 56 x 56 mm  
Housing: polycarbonate, UV-resistant  
Material color: pure white glossy, similar to RAL9010



**Blinds Indoor 180 transparent**

Art.No: 92294

Housing: polycarbonate, UV-resistant



**Blind Indoor 180**

Art.No: 33233

Housing: polycarbonate, UV-resistant

Material color: white



**protective cap Indoor 180**

Art.No: 92018

Dimensions: 56 x 56 mm

Housing: polycarbonate, UV-resistant

Material color: pure white glossy, similar to RAL9010