

**B.E.G.****LUXOMAT®**

## PD9-1C-12-48V-FC Set 92985-92235

12-48 V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), with a dry contact

### Order data

| Designation            | Colour     | Art.No |
|------------------------|------------|--------|
| PD9-1C-12-48V-FC       | white      | 92985  |
| Cover ring PD9 Ø 36 mm | anthracite | 92235  |

### Areas of application

- entrance halls
- corridors/hallways
- small offices

## Technical data

|                                                           |                                                                                                                                             |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage:                                                  | 12 – 48 V AC / DC                                                                                                                           |
| Dimensions:                                               | Sensor head: Ø 45 x 37 mm,<br>Power supply: 165 x 24 x 24 mm                                                                                |
| Power consumption:                                        | < 0.25 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 m² / 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:                                          | IK03                                                                                                                                        |
| Ambient temperature:                                      | -25 °C to +50 °C                                                                                                                            |
| Housing:                                                  | polycarbonate, UV-resistant                                                                                                                 |
| Material color:                                           | <b>anthracite glossy (92235)</b>                                                                                                            |
| Cable length:                                             | 45 cm                                                                                                                                       |
| <b>Channel 1 (lighting control, potential-free (dry))</b> |                                                                                                                                             |
| Switching power:                                          | 1000 W, cos φ = 1<br>800 W LED<br>max. inrush current I <sub>p</sub> (20 ms) = 165 A<br>max. inrush current I <sub>p</sub> (200 µs) = 800 A |
| Type of contact (k):                                      | 1x µ-contact, dry NO contact with tungsten pre-make contact                                                                                 |
| Follow-up time:                                           | 30 sec – 30 min, Pulse                                                                                                                      |
| Switch-on threshold:                                      | 10 – 2000 Lux                                                                                                                               |

## Product information

Set : PD9-1C-12-48V-FC + Cover ring PD9 Ø 36 mm anthracite glossy

Mini-motion detector with operating voltage 12-48 V

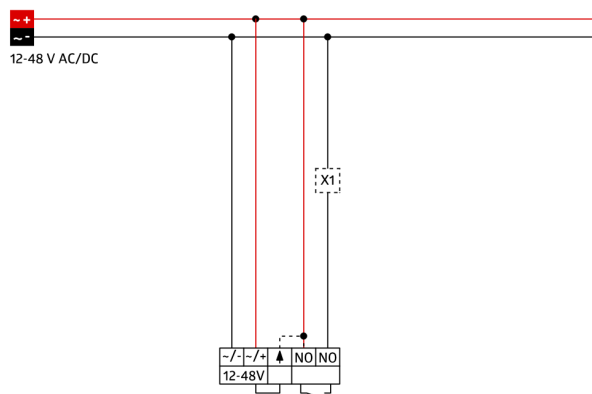
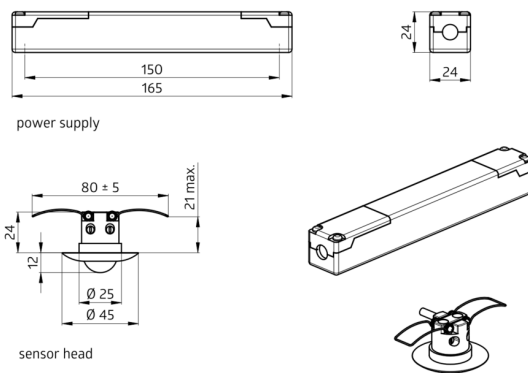
One channel for light switching

Easy installation on device

Power supply passes through the hole in the ceiling for the detector (34 mm Ø)

Spring clips for quick and easy installation in suspended ceilings and light fittings

Includes 45 mm cover ring and blinds



## Set items

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



### **PD9-1C-12-48V-FC**

Art.No: 92985

Voltage: 12 – 48 V AC / DC

Dimensions: Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm

Power consumption: < 0.25 W



### **Cover ring PD9 Ø 36 mm**

Art.No: 92235

Dimensions: Ø 36 mm

Housing: polycarbonate, UV-resistant

Material color: anthracite glossy