

**B.E.G.****LUXOMAT®**

## PD9-1C-12-48V-FC Set 92985-92327

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 45 mm | white  | 92327  |

### Areas of application

- entrance halls
- corridors/hallways
- small offices

## Technical data

|                                        |                                                                                                                                                                                                                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage:                               | 12 – 48 V AC / DC                                                                                                                                                                                                                                                           |
| Dimensions:                            | <b>Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm + Ø 45 mm (92327)</b>                                                                                                                                                                                          |
| 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:                                 | 78 m² / 2.5 m mounting height                                                                                                                                                                                                                                               |
| Monitored area (tangential movement):  | 2 m / 5 m / 2.5 m                                                                                                                                                                                                                                                           |
| Mounting height min./max./recommended: | IP20 / Class II                                                                                                                                                                                                                                                             |
| Degree / class of protection:          | IK03                                                                                                                                                                                                                                                                        |
| Impact strength:                       | -25 °C to +50 °C                                                                                                                                                                                                                                                            |
| Ambient temperature:                   | polycarbonate, UV-resistant                                                                                                                                                                                                                                                 |
| Housing:                               | <b>white mat (92327)</b>                                                                                                                                                                                                                                                    |
| Material color:                        | 45 cm                                                                                                                                                                                                                                                                       |
| Cable length:                          | <b>Channel 1 (lighting control, potential-free (dry))</b><br><br>1000 W, cos $\varphi$ = 1<br>800 W LED<br>max. inrush current $I_p$ (20 ms) = 165 A<br>max. inrush current $I_p$ (200 $\mu$ s) = 800 A<br>1x $\mu$ -contact, dry NO contact with tungsten pre-make contact |
| Switching power:                       |                                                                                                                                                                                                                                                                             |
| Type of contact (k):                   | 30 sec – 30 min, Pulse                                                                                                                                                                                                                                                      |
| Follow-up time:                        | 10 – 2000 Lux                                                                                                                                                                                                                                                               |
| Switch-on threshold:                   |                                                                                                                                                                                                                                                                             |

## Product information

Set : PD9-1C-12-48V-FC + Cover ring PD9 Ø 45 mm white mat

Mini-motion detector with operating voltage 12-48 V

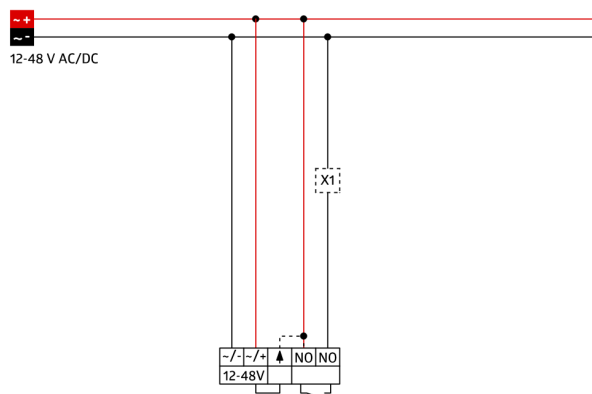
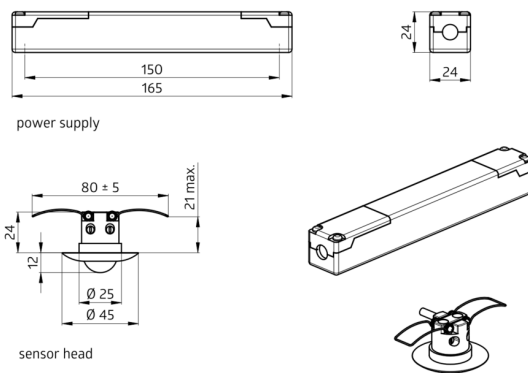
One channel for light switching

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.



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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 45 mm**

Art.No: 92327

Dimensions: Ø 45 mm

Material color: white mat