B.E.G. LUXOMAT®




# PD9-1C-FC Set
# 92902-92346

230V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²)

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD9-1C-FC | white | 92902 |
| Cover ring PD9 Ø 45 mm | silver | 92346 |

## Areas of application

- toilets
- equipment rooms
- entrance halls
- corridors/hallways
- small offices

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | **Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm + Ø 45 mm (92346)** |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| 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: | **silver mat (92346)** |
| Cable length: | 45 cm |
| **Channel 1 (lighting control)** | |
| Switching power: | 1000 W, cos φ = 1<br>500 VA, cos φ = 0.5<br>400 W LED |
| Type of contact (k): | 1x µ-contact, NO contact |
| Follow-up time: | 30 sec – 30 min, Pulse |
| Switch-on threshold: | 10 – 2000 Lux |

## Product information

Set : PD9-1C-FC + Cover ring PD9 Ø 45 mm silver mat

Mini-motion detector for indoor use

One channel for light switching

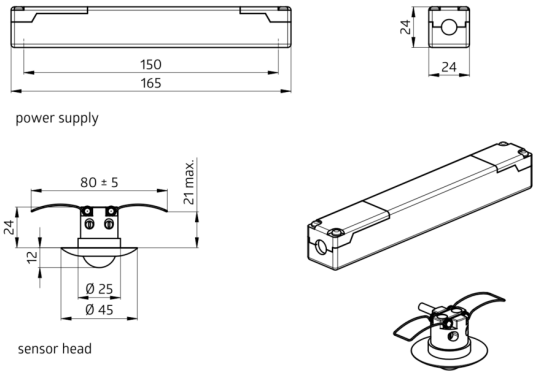
Zero crossing switching

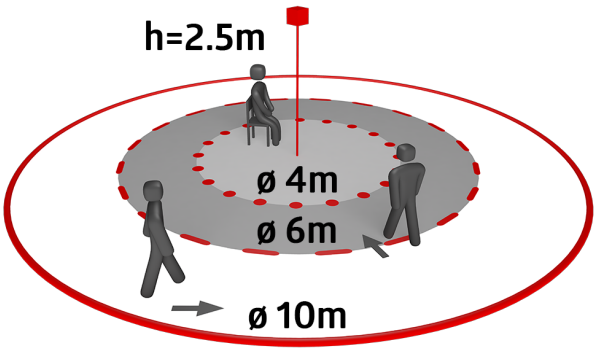
Easy installation on device

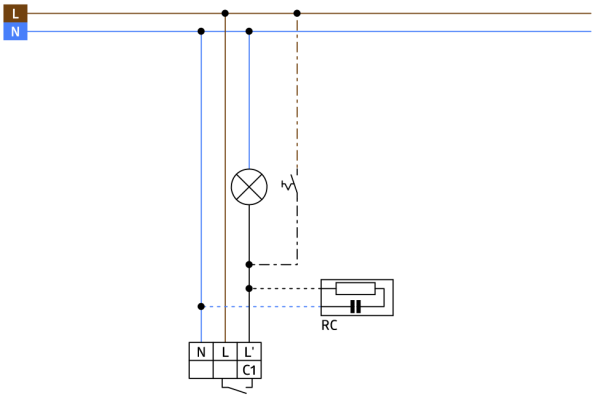
Power supply passes through the hole in the ceiling for the detector (34 mm Ø)

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

Includes 45 mm cover ring and blinds


150
165
24
24
power supply
80 ± 5
21 max.
24
12
Ø 25
Ø 45
sensor head


h=2.5m
ø 4m
ø 6m
ø 10m


L
N
RC
N
L
L'
C1

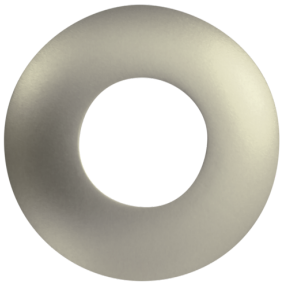
## Set items

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



**PD9-1C-FC**
Art.No: 92902

Voltage: 110 – 240 V AC 50 / 60 Hz
Dimensions: Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm
Power consumption: approx. 0.5 W



**Cover ring PD9 Ø 45 mm**
Art.No: 92346

Dimensions: Ø 45 mm
Material color: silver mat