

B.E.G.**LUXOMAT®**

PD4-M-2C-SM Set 92140-92199

230V 2-channel PIR motion detector with 360° coverage and a range of up to Ø24m (450 m²), remote-controlled

Order data

| Designation | Colour | Art.No |
|---------------------------------|--------|--------|
| PD4-M-2C-SM | white | 92140 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |

Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms
- underground car parks
- entrance halls
- corridors/hallways
- sports halls/ storage rooms

Technical data

| | |
|---|---|
| Voltage: | 110 - 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 200 x 90 mm (92199) |
| Power consumption: | approx. 0.5 W horizontal 360° |
| Detection area: | (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated |
| Range: | |
| Monitored area (tangential movement): | 450 m ² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m |
| Degree / class of protection: | IP54 / Class II |
| Impact strength: | IK09 (92199) |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant + coated steel basket (92199) white mat, similar to RAL9010 |
| Material color: | |

Channel 1 (lighting control)

| | |
|----------------------|--|
| Switching power: | 2300 W, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 μ s) = 800 A |
| Type of contact (k): | 1x μ -contact, NO contact with tungsten pre- make contact |
| Follow-up time: | 15 sec - 30 min, Pulse |
| Switch-on threshold: | 10 - 2000 Lux |

Channel 2 (HVAC control potential-free (dry))

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

Product information

Set : PD4-M-2C-SM + Wire basket BSK (Ø 200 x 90 mm) white

Occupancy detector with extended detection area

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

Manual switching via push-button possible

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

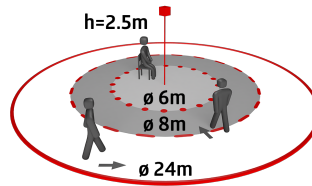
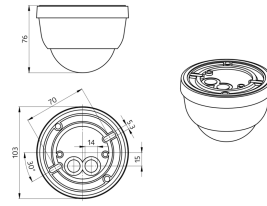
Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

Factory settings 10 min and 500 lux (15 min HVAC)

Zero crossing switching

Light measuring:

Mixed light measuring



Set items

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



PD4-M-2C-SM

Art.No: 92140

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 101 x 76 mm

Power consumption: approx. 0.5 W



Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket