

B.E.G.**LUXOMAT®**

PD2-M-2C-SM Set 92150-92199-92441

Occupancy detector with circular detection area

One channel for light switching

One additional potential-free (dry) contact for HVAC

Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms
- small offices
- open-plan offices
- conference rooms

Order data

Designation	Colour	Art.No
PD2-M-2C-SM	white	92150
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wall holder PD4-SM	white	92441

Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Ø 200 x 90 mm (92199) + 130 x 100 x 53 mm (92441)
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m ² / 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:	IK09 (92199)
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant + coated steel basket (92199)
Material color:	white mat, similar to RAL9010

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 1x μ -contact, NO contact with tungsten pre- make contact
Type of contact (k):	
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 μ -contact, dry NO contact

Product information

Set : PD2-M-2C-SM + Wire basket BSK (Ø 200 x 90 mm) white + Wall holder PD4-SM white

Occupancy detector with circular 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

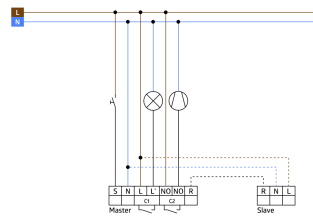
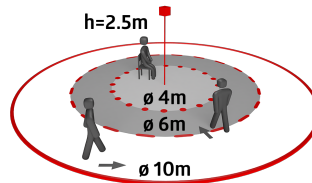
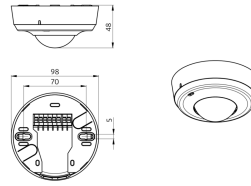
Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

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

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

Zero crossing switching

Follow-up time: 5 min - 120 min,
Alarm pulse,
Pulse
Light measuring: Mixed light
measuring



Set items

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



PD2-M-2C-SM

Art.No: 92150

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 98 x 47 mm

Power consumption: approx. 0.5 W



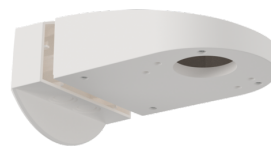
Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket



Wall holder PD4-SM

Art.No: 92441

Dimensions: 130 x 100 x 53 mm

Housing: polycarbonate, UV-resistant

Material color: white