

**B.E.G.****LUXOMAT®**

## PD2-M-2C-FC Set 92165-92199-93085

230V 2-channel PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled

### Order data

Designation	Colour	Art.No
PD2-M-2C-FC	white	92165
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Cover ring PD2/PD3 FC		93085

### Areas of application

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

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
Power consumption:	approx. 0.5 W horizontal 360°
Detection area:	(Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m <sup>2</sup> / 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:	<b>IK09 (92199)</b>
Ambient temperature:	-25 °C to +50 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b>
Material color:	<b>jet black glossy, similar to RAL9005 (93085)</b>

### 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 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -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 $\mu$ -contact, dry NO contact
Follow-up time:	5 min - 120 min, Alarm pulse, Pulse

## Product information

Set : PD2-M-2C-FC + Wire basket BSK (Ø 200 x 90 mm) white + Cover ring PD2/PD3 FC jet black glossy, similar to RAL9005

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

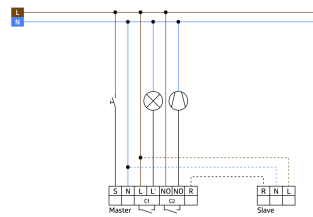
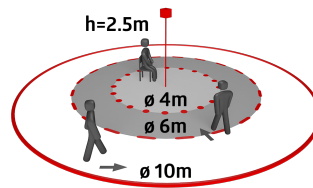
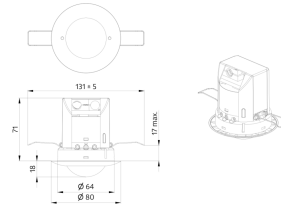
Additional functions can be set up using the optional remote control.

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

Zero crossing switching

Light measuring:

Mixed light measuring



## Set items

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



### PD2-M-2C-FC

Art.No: 92165

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 80 x 85 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



### Cover ring PD2/PD3 FC

Art.No: 93085

Dimensions: Ø 84 x 9 mm

Housing: polycarbonate, UV-resistant

Material color: jet black glossy, similar to RAL9005