

B.E.G.**LUXOMAT®**

PD3N-2C-FM Set 92188-92199-93087

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

Order data

Designation	Colour	Art.No
PD3N-2C-FM	white	92188
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Cover ring PD3N FM	jet black	93087

Areas of application

- toilets
- equipment rooms
- corridors/hallways
- staircases

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 200 x 90 mm (92199)
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 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:	IK09 (92199)
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant + coated steel basket (92199)
Material color:	jet black mat, similar to RAL9005 (93087)

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 µs) = 800 A
Type of contact (k):	1x µ-contact, NO contact with tungsten pre- make contact
Follow-up time:	30 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 NO contact (dry)
Follow-up time:	5 min – 120 min

Product information

Set : PD3N-2C-FM + Wire basket BSK (Ø 200 x 90 mm) white + Cover ring PD3N FM jet black mat, similar to RAL9005

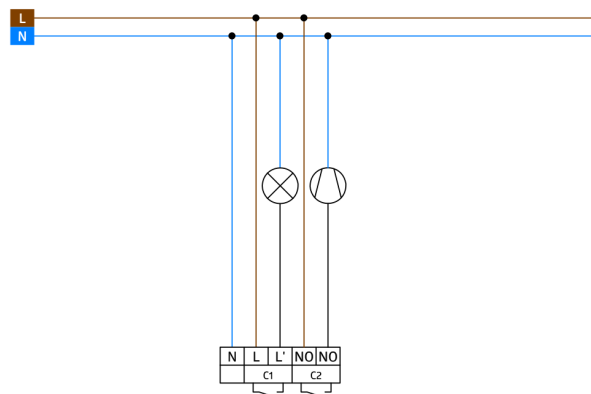
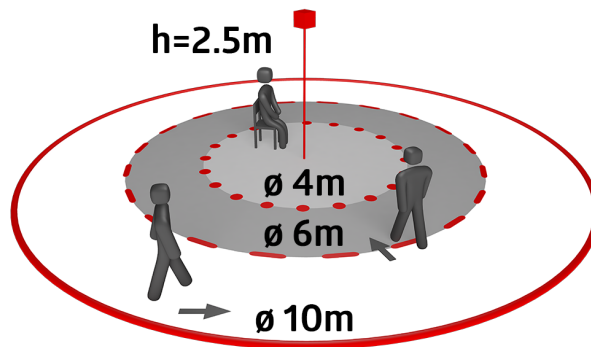
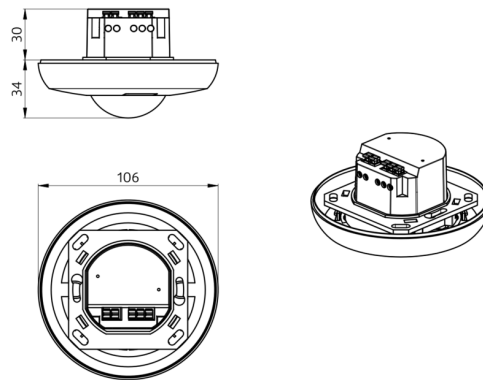
Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

One additional potential-free (dry) contact for HVAC

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



Set items

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



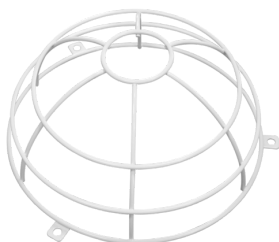
PD3N-2C-FM

Art.No: 92188

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 106 x 63 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 PD3N FM

Art.No: 93087

Dimensions: Ø 106 x 17 mm

Housing: polycarbonate, UV-resistant

Material color: jet black mat, similar to RAL9005