

B.E.G.**LUXOMAT®**

PD4-M-2C-FM Set 92255-92199

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

Order data

Designation	Colour	Art.No
PD4-M-2C-FM	white	92255
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms
- 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:	IP20 / 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 µs) = 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-FM + 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

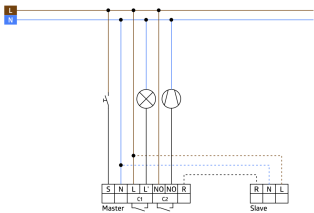
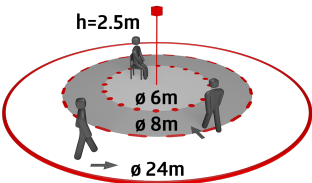
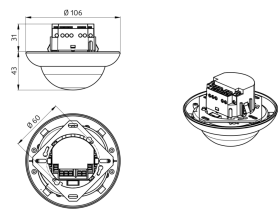
Additional functions can be set up using the optional remote control.

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-FM

Art.No: 92255

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 104 x 70 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