

**B.E.G.****LUXOMAT®**

## PD4-M-2C-SM Set 92140-92441

Occupancy detector with extended detection area

One channel for light switching

One additional potential-free (dry) contact for HVAC

### Order data

Designation	Colour	Art.No
PD4-M-2C-SM	white	92140
Wall holder PD4-SM	white	92441

### 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:	<b>Ø 101 x 76 mm + 130 x 100 x 53 mm (92441)</b>
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (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 <sup>2</sup> / 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:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
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 $\mu$ 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 dry NO contact

## Product information

Set : PD4-M-2C-SM + Wall holder PD4-SM 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

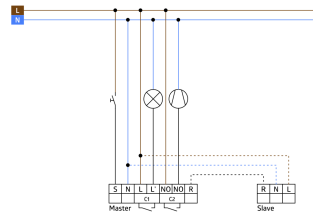
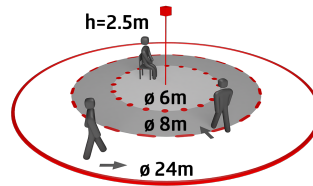
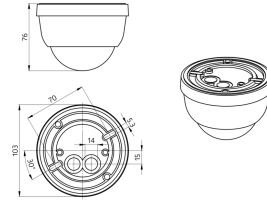
Additional functions can be set up using the optional remote control.

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

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.



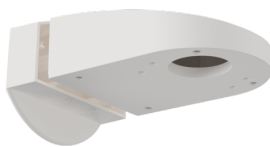
### **PD4-M-2C-SM**

Art.No: 92140

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 101 x 76 mm

Power consumption: approx. 0.5 W



### **Wall holder PD4-SM**

Art.No: 92441

Dimensions: 130 x 100 x 53 mm

Housing: polycarbonate, UV-resistant

Material color: white