

**B.E.G.****LUXOMAT®**

## PD4-M-2C-DS-SM

Prod.No. 92761 EAN: 4007529927616

230V 2-channel PIR motion detector with 360° detection and a range of up to 24 m (450 m<sup>2</sup>), remote-controlled, and 2 electrically isolated groups

### Areas of application

- entrance halls
- corridors/hallways
- staircases
- toilets
- equipment rooms

### Order data

Designation	Colour	Art.No
PD4-M-2C-DS-SM	white	92761

### Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD-1C	-	92520
IR-PD-Mini	-	92159
IR-PD-1C-E	-	92077
Socket IP54 PD4-TRIO-SM	white	92386
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wall holder PD4-SM	white	92441
Blinds PD4	transparent	92313
Pendulum mounting set PD2/3/4 SM	white	93179

## Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 124 x 85 mm
Power consumption:	< 1.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 9 m towards max. Ø 8 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:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Connections and wires:	0.5 ... 1.5 mm <sup>2</sup> rigid

### Channel 1 and Channel 2 (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):	2x $\mu$ -contact, NO contact with tungsten pre- make contact
Follow-up time:	15 sec – 60 min, Pulse
Switch-on threshold:	10 – 2000 Lux
Light measuring:	Mixed light measuring

## Product information

Occupancy detector connectable to two different phases

2 channels for switching light: the illumination system can be divided into two separate groups being electrically isolated.

Version as master device

Extension of the detection area with one additional PD4-M-2C-DS configured as a Slave device

Manual switching possible via a shared pushbutton

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

Factory settings 10 min and 500 lux

### Application examples:

entrance halls, corridors/hallways, staircases, toilets, equipment rooms



## Accessories



**RC-Arc extinction kit**  
Art.No: 10880

Voltage: 230 V AC  $\pm 10\%$   
Dimensions: 38 x 12 x 26 mm  
Degree / class of protection: IP20 / Class II



**Mini-RC-Arc extinction kit**  
Art.No: 10882

Voltage: 230 V AC  $\pm 10\%$   
Dimensions: 50 x 23 x 8 mm  
Degree / class of protection: IP20 / Class II



**BLE-IR-Adapter**  
Art.No: 93067

Dimensions: 40 x 55 x 103 mm  
Material color: black  
Frequency: 2.4 GHz ISM band, GFSK  
0.2 dBm + 5.3 dBi = 5.5 dBm



**IR-PD-1C**  
Art.No: 92520

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



**IR-PD-Mini**  
Art.No: 92159

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



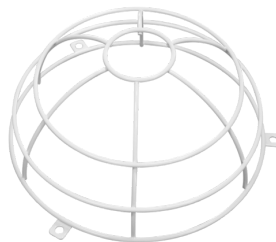
**IR-PD-1C-E**  
Art.No: 92077

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



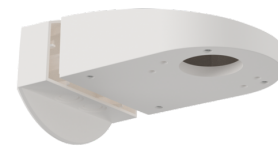
**Socket IP54 PD4-TRIO-SM**  
Art.No: 92386

Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant  
Material color: white



**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



**Blinds PD4**

Art.No: 92313

Housing: Housing UV- and shockresistant Polycarbonate  
Material color: transparent



**Pendulum mounting set PD2/3/4 SM**

Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm

Housing: polycarbonate, UV-resistant  
Material color: white, similar to RAL9010