

**B.E.G.****LUXOMAT®**

## PD4-M-2C-C-FC Set 92143-92199-92992

230V 2-channel PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m<sup>2</sup>), suitable for hallways and remote-controllable

### Areas of application

- corridors/hallways

### Order data

Designation	Colour	Art.No
PD4-M-2C-C-FC	white	92143
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Square design frame PD4-FC	pure white	92992

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
Power consumption:	< 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 40 m across max. Ø 20 m towards
Range:	
Monitored area (tangential movement):	250 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2.4 m / 2.6 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>  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 $\mu$ 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
Light measuring:	Mixed light measuring

## Product information

Set : PD4-M-2C-C-FC + Wire basket BSK (Ø 200 x 90 mm) white + Square design frame PD4-FC pure white mat, similar to RAL9010

Occupancy detector designed for corridors

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.

There are markings to ensure correct alignment during installation

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



## Set items

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



### **PD4-M-2C-C-FC**

Art.No: 92143

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 97 x 103 mm

Power consumption: < 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



### **Square design frame PD4-FC**

Art.No: 92992

Dimensions: 101 x 101 x 11.8 mm

Housing: polycarbonate, UV-resistant

Material color: pure white mat, similar to RAL9010