

**B.E.G.****LUXOMAT®**

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

Occupancy detector designed for corridors

One channel for light switching

One additional potential-free (dry) contact for HVAC

### Areas of application

- corridors/hallways

### Order data

Designation	Colour	Art.No
PD4-M-2C-C-FC	white	92143
Square design frame PD4-FC	pure white	92992

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Ø 97 x 103 mm
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:	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 $\mu$ -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 + Square design frame PD4-FC  
pure white mat, similar to RAL9010

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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.



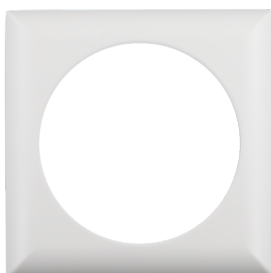
### **PD4-M-2C-C-FC**

Art.No: 92143

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 97 x 103 mm

Power consumption: < 0.5 W



### **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