

**B.E.G.****LUXOMAT®**

## PD9-M-1C-FC Set 92900-92993

Mini-occupancy detector  
One channel for light switching  
Version as master device

### Order data

Designation	Colour	Art.No
PD9-M-1C-FC	white	92900
Square design frame PD9-FC	pure white	92993

### Areas of application

- entrance halls
- small offices
- corridors/hallways

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	<b>Sensor head: Ø 45 x 28 mm, Power supply: 165 x 24 x 24 mm + 45 x 45 x 2.6 mm (92993)</b>
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	78 m <sup>2</sup> / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m
Mounting height min./max./recommended:	IP20 / Class II
Degree / class of protection:	IK03
Impact strength:	-25 °C to +50 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	<b>pure white mat, similar to RAL9010 (92993)</b>
Material color:	45 cm, screened
Cable length:	

### 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:	5 min - 30 min, Pulse
Switch-on threshold:	20 - 1000 Lux
Light measuring:	Mixed light measuring

## Product information

Set : PD9-M-1C-FC + Square design frame PD9-FC  
pure white mat, similar to RAL9010

Mini-occupancy detector

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Detection area can be extended by using slave devices

### Easy operation with remote control (required)

Manual switching via push-button possible

Power supply passes through the hole in the ceiling for the  
detector (34 mm Ø)

Spring clips for quick and easy installation in suspended  
ceilings and light fittings

Includes 45 mm cover ring and blinds

Factory settings 10 min and 500 lux



## Set items

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



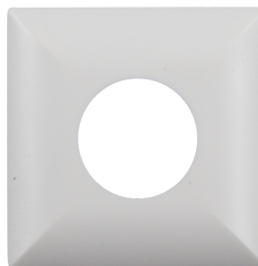
### **PD9-M-1C-FC**

Art.No: 92900

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Sensor head: Ø 45 x 28 mm, Power supply: 165 x 24 x 24 mm

Power consumption: approx. 0.5 W



### **Square design frame PD9-FC**

Art.No: 92993

Dimensions: 45 x 45 x 2.6 mm

Housing: polycarbonate, UV-resistant

Material color: pure white mat, similar to RAL9010