

**B.E.G.****LUXOMAT®**

## PD9-M-1C-FC Set

### 92900-92958-92235

230V PIR motion detector with 360° detection and a range of up to Ø10m (78 m<sup>2</sup>), remote-controlled

#### Areas of application

- entrance halls
- small offices
- corridors/hallways

#### Order data

Designation	Colour	Art.No
PD9-M-1C-FC	white	92900
Cover IP65 for Sensor head PD9	transparent	92958
Cover ring PD9 Ø 36 mm	anthracite	92235

## Technical data

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
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:	<b>IP20 / Class II + IP65 (92958)</b>
Degree / class of protection:	IK03
Impact strength:	-25 °C to +50 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	<b>anthracite glossy (92235)</b>
Material color:	45 cm, screened
Cable length:	

### Channel 1 (lighting control)

Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 800 W LED max. inrush current I <sub>p</sub> (20 ms) = 165 A max. inrush current I <sub>p</sub> (200 µs) = 800 A
Type of contact (k):	1x µ-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 + Cover IP65 for Sensor head PD9  
transparent + Cover ring PD9 Ø 36 mm anthracite  
glossy

Mini-occupancy detector

One channel for light switching

Version as master device

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



power supply



sensor head



## Set items

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



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Power consumption: approx. 0.5 W



**Cover IP65 for Sensor head  
PD9**  
Art.No: 92958

Degree / class of protection: IP65  
Housing: UV-resistant  
Material color: transparent



**Cover ring PD9 Ø 36 mm**  
Art.No: 92235

Dimensions: Ø 36 mm  
Housing: polycarbonate, UV-  
resistant  
Material color: anthracite glossy