

**B.E.G.****LUXOMAT®**

## PD9-1C-12-48V-FC Set 92985-92958-92993

Mini-motion detector with operating voltage  
12-48 V

One channel for light switching

Easy installation on device

### Areas of application

- entrance halls
- corridors/hallways
- small offices

### Order data

Designation	Colour	Art.No
PD9-1C-12-48V-FC	white	92985
Cover IP65 for Sensor head PD9	transparent	92958
Square design frame PD9-FC	pure white	92993

## Technical data

Voltage:	12 - 48 V AC / DC
Dimensions:	<b>Sensor head:</b> <b>Ø 45 x 37 mm,</b> <b>Power supply:</b> <b>165 x 24 x 24 mm + 45 x 45 x 2.6 mm</b> <b>(92993)</b>
Power consumption:	< 0.25 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</b> <b>(92958)</b>
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</b> <b>(92993)</b>
Material color:	45 cm
Cable length:	<b>Channel 1 (lighting control, potential-free (dry))</b>
Switching power:	1000 W, cos φ = 1 800 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, dry NO contact with tungsten pre-make contact
Follow-up time:	30 sec - 30 min, Pulse
Switch-on threshold:	10 - 2000 Lux

## Product information

Set : PD9-1C-12-48V-FC + Cover IP65 for Sensor head PD9 transparent + Square design frame PD9-FC pure white mat, similar to RAL9010

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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



power supply



sensor head



## Set items

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



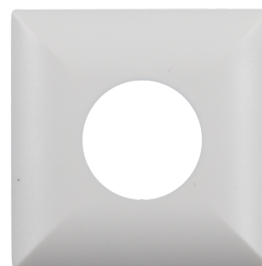
**PD9-1C-12-48V-FC**  
Art.No: 92985

Voltage: 12 – 48 V AC / DC  
Dimensions: Sensor head: Ø 45 x 37 mm,  
Power supply: 165 x 24 x 24 mm  
Power consumption: < 0.25 W



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

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



**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