

**B.E.G.****LUXOMAT®**

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

12-48 V PIR motion detector with 360° detection and a range of up to Ø10m (78 m<sup>2</sup>), with a dry contact

### Areas of application

- entrance halls
- corridors/hallways
- small offices

### Order data

Designation	Colour	Art.No
PD9-1C-12-48V-FC	white	92985
Square design frame PD9-FC	pure white	92993

## Technical data

Voltage:	12 - 48 V AC / DC
Dimensions:	<b>Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm + 45 x 45 x 2.6 mm (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:	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
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 + Square design frame PD9-FC pure white mat, similar to RAL9010

Mini-motion detector with operating voltage 12-48 V

One channel for light switching

Easy installation on device

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.



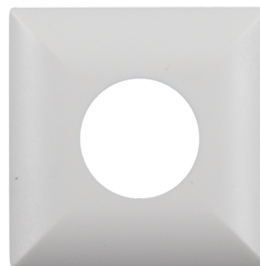
### **PD9-1C-12-48V-FC**

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



### **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