

**B.E.G.****LUXOMAT®**

## PD9-1C-12-48V-FC Set 92985-92235

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
Cover ring PD9 Ø 36 mm	anthracite	92235

## Technical data

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
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK03
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	<b>anthracite glossy (92235)</b>
Cable length:	45 cm
<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 ring PD9 Ø 36 mm anthracite glossy

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.



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Voltage: 12 – 48 V AC / DC

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Power consumption: < 0.25 W



### **Cover ring PD9 Ø 36 mm**

Art.No: 92235

Dimensions: Ø 36 mm

Housing: polycarbonate, UV-resistant

Material color: anthracite glossy