

B.E.G.**LUXOMAT®**

PD9-1C-12-48V-FC

92985 EAN: 4007529929856

12–48 V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), 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

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
Cover IP65 for Sensor head PD9	transparent	92958
Cover ring PD9 Ø 36 mm	anthracite	92235
Cover ring PD9 Ø 36 mm	white	92238
Cover ring PD9 Ø 36 mm	silver	92237
Cover ring PD9 Ø 45 mm	white	92327
Cover ring PD9 Ø 45 mm	silver	92346
Square design frame PD9-FC	pure white	92993

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 m² / 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:	white mat, similar to RAL9010
Cable length:	45 cm
Channel 1 (lighting control, potential-free (dry))	
Switching power:	1000 W, cos φ = 1 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 μ s) = 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

Mini-motion detector with operating voltage 12-48 V

One channel for light switching

Easy installation on device

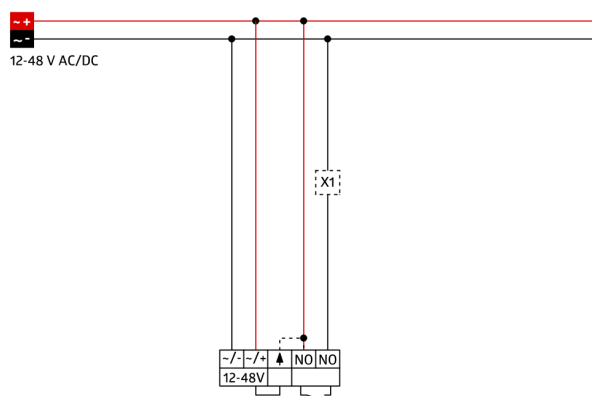
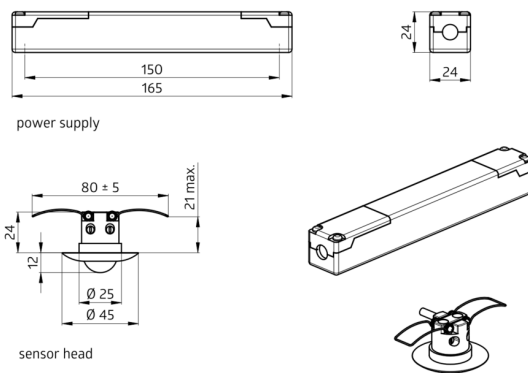
Power supply passes through the hole in the ceiling for the
detector (34 mm Ø)

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

Includes 45 mm cover ring and blinds

Application examples:

entrance halls, corridors/hallways, small offices



Accessories



RC-Arc extinction kit

Art.No: 10880

Voltage: 230 V AC $\pm 10\%$
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 / Class II



Mini-RC-Arc extinction kit

Art.No: 10882

Voltage: 230 V AC $\pm 10\%$
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II



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



Cover ring PD9 Ø 36 mm

Art.No: 92238

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



Cover ring PD9 Ø 36 mm

Art.No: 92237

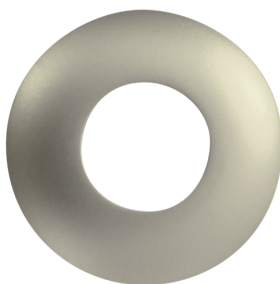
Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: silver glossy



Cover ring PD9 Ø 45 mm

Art.No: 92327

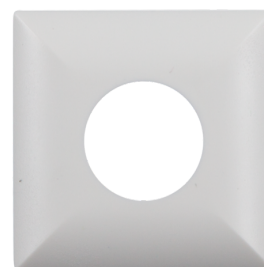
Dimensions: Ø 45 mm
Material color: white mat



Cover ring PD9 Ø 45 mm

Art.No: 92346

Dimensions: Ø 45 mm
Material color: silver mat



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