

B.E.G.**LUXOMAT®**

PD9-M-2C-FC

Prod.No. 92976 EAN: 4007529929764

- 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. 0.6 W

Areas of application

- entrance halls
- corridors/hallways
- small offices

Order data

Designation	Colour	Art.No
PD9-M-2C-FC	white	92976

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-2C	-	92475
IR-PD-Mini	-	92159
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:	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. 0.6 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
Power consumption:	45 cm, screened
Channel 1 (lighting control)	
	2300 W, $\cos \varphi =$ 1 1150 VA, $\cos \varphi =$ 0.5 300 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 µs) = 800 A
Switching power:	1x µ-contact, NO contact with tungsten pre- make contact
Type of contact (k):	
Follow-up time:	5 min – 30 min, Pulse
Switch-on threshold:	20 – 1000 Lux
Channel 2 (HVAC control potential-free (dry))	
Switching power:	3 A (230 V), \cos $\varphi = 1$
Type of contact:	1x µ-contact, dry NO contact
Follow-up time:	5 min – 120 min, Pulse

Product information

Mini occupancy detector for light switching with additional
potential-free (dry) contact

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

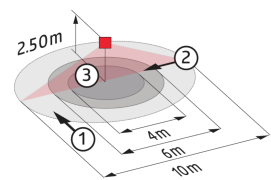
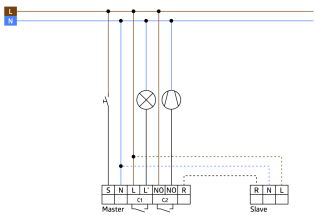
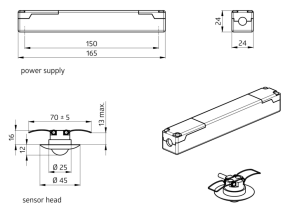
Factory settings 10 min and 500 lux (15 min HVAC)

Application examples:

entrance halls, corridors/hallways, small offices

Light measuring:

Mixed light
measuring



Order data

Designation	Colour	Art.No	EAN
PD9-M-1C-FC-92900	white	92900	4007529929009
PD9-1C-FC-92902	white	92902	4007529929023
PD9-1C-12-48V-FC-92985	white	92985	4007529929856

Accessories



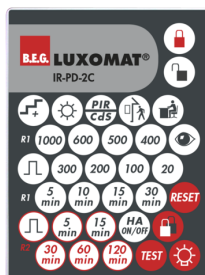
BLE-IR-Adapter
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK 0.2 dBm + 5.3 dBi = 5.5 dBm



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



IR-PD-2C
Art.No: 92475

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



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



IR-PD-Mini
Art.No: 92159

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -



Cover IP65 for Sensor head PD9
Art.No: 92958

Degree / class of protection: IP65
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



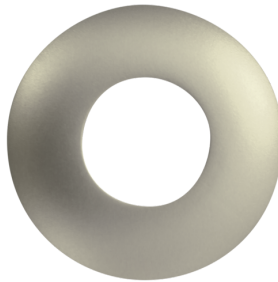
Cover ring PD9 Ø 36 mm
Art.No: 92237

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



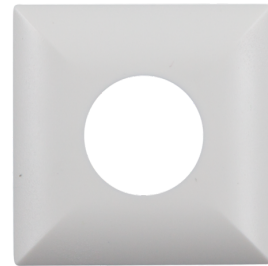
Cover ring PD9 Ø 45 mm
Art.No: 92327

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