

B.E.G.**LUXOMAT®**

PD2-M-1C-FM

92555 EAN: 4007529925551

230V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled

Areas of application

- entrance halls
- small offices
- corridors/hallways
- staircases
- toilets
- equipment rooms
- open-plan offices
- conference rooms

Order data

Designation	Colour	Art.No
PD2-M-1C-FM	white	92555

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD-1C	-	92520
IR-PD-1C-E	-	92077
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Blinds PD2-SM		92260

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 98 x 65 mm
Power consumption:	approx. 0.4 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	78 m² / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m
Mounting height min./max./recommended:	
Degree / class of protection:	IP20 / Class II
Impact strength:	IK05
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

Channel 1 (lighting control, potential-free (dry))

Switching power:	2300 W, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 µs) = 800 A
Type of contact (k):	1x µ-contact, dry NO contact with tungsten pre-make contact
Follow-up time:	15 sec – 30 min, Pulse
Switch-on threshold:	10 – 2000 Lux
Light measuring:	Mixed light measuring

Product information

Occupancy detector with one potential-free dry contact

Version as master device

One channel for light switching

Detection area can be extended by using slave devices

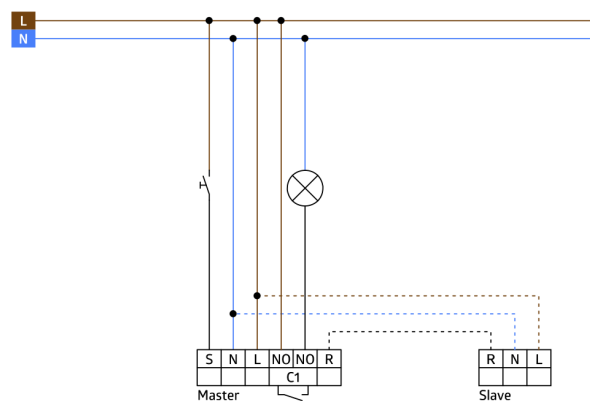
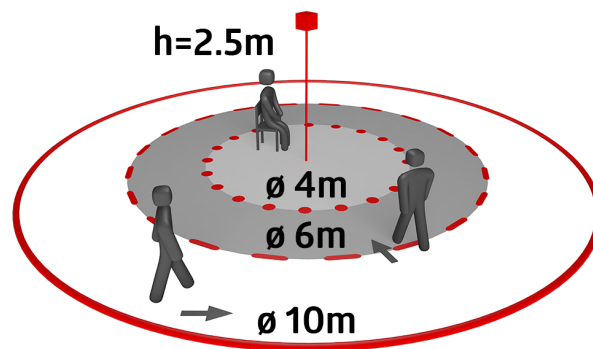
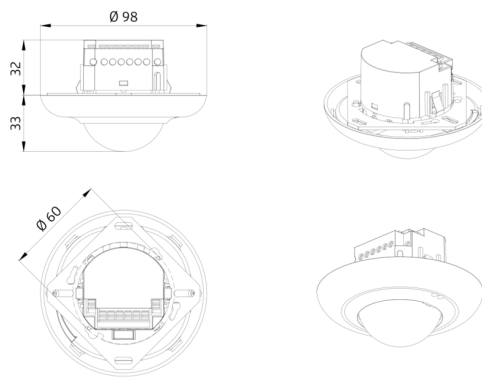
Manual switching via push-button possible

Additional functions can be set up using the optional remote control.

Factory settings 10 min and 500 lux

Application examples:

entrance halls, small offices, corridors/hallways, staircases, toilets, equipment rooms, open-plan offices, conference rooms



Accessories



RC-Arc extinction kit

Art.No: 10880

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



Mini-RC-Arc extinction kit

Art.No: 10882

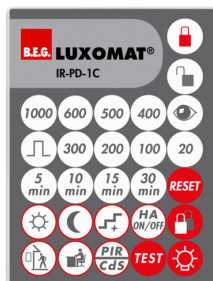
Voltage: 230 V AC ±10%
 Dimensions: 50 x 23 x 8 mm
 Degree / class of protection: IP20 / Class II



BLE-IR-Adapter

Art.No: 93067

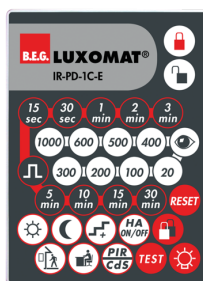
Dimensions: 40 x 55 x 103 mm
 Material color: black
 Frequency: 2.4 GHz ISM band, GFSK
 0.2 dBm + 5.3 dBi = 5.5 dBm



IR-PD-1C

Art.No: 92520

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



IR-PD-1C-E

Art.No: 92077

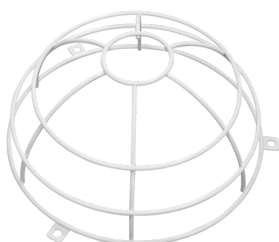
Battery: 3.0 V Lithium CR2032 (inclusive)
 Dimensions: 80 x 60 x 8 mm
 Material color: -



IR-PD-Mini

Art.No: 92159

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



Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

Dimensions: Ø 200 x 90 mm
 Impact strength: IK09
 Housing: coated steel basket



Blinds PD2-SM

Art.No: 92260

Housing: Housing UV- and shockresistant Polycarbonate
 Material color: transparent