

**B.E.G.****LUXOMAT®**

## PD2-M-2C-12-48V-3A-FC

Prod.No. 92164 EAN: 4007529921645

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

### Areas of application

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

### Order data

Designation	Colour	Art.No
PD2-M-2C-12-48V-3A-FC	white	92164

### Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-2C	-	92475
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Cover ring PD2/PD3 FC		93085
Blinds PD2-FC		36635

## Technical data

Voltage:	12 - 48 V AC / DC
Dimensions:	Ø 80 x 85 mm
Power consumption:	< 1 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:	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:	3 A; $\cos \varphi = 1$
Type of contact (k):	1x $\mu$ -contact, dry NO contact
Follow-up time:	15 sec - 30 min, Pulse
Brightness set value:	10 - 2000 Lux

### Channel 2 (HVAC control potential-free (dry))

Switching power:	3 A; $\cos \varphi = 1$
Type of contact:	1x $\mu$ -contact, dry NO contact
Follow-up time:	5 min - 120 min, Alarm pulse, Pulse
Light measuring:	Mixed light measuring

## Product information

Occupancy detector with operating voltage of 12-48 V

Two potential-free (dry) channels

Can be used as either Master device or Slave device

Manual switching via push-button possible

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

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

### Application examples:

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

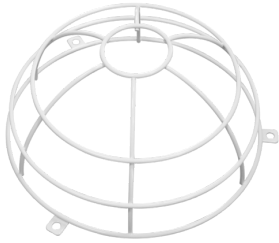


## Accessories



**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



**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

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



**IR-PD-2C**  
Art.No: 92475

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



**Cover ring PD2/PD3 FC**  
Art.No: 93085

Dimensions: Ø 84 x 9 mm  
Housing: polycarbonate, UV-resistant  
Material color: jet black glossy,  
similar to RAL9005



**IR-PD-Mini**  
Art.No: 92159

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



**Blinds PD2-FC**  
Art.No: 36635

Housing: polycarbonate, UV-  
resistant  
Material color: transparent