B.E.G. LUXOMAT®



# PD2-M-2C-12-48V-RR-SM

92305 EAN: 4007529923052

12–48 V 2-channel PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled and equipped with a reed relay

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD2-M-2C-12-48V-RR-SM | white | 92305 |

## Areas of application

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

## 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 |
| SM socket IP54 for PD2- / PD4-SM | white | 92161 |
| Wall holder PD4-SM | white | 92441 |
| Blinds PD2-SM | | 92260 |
| Pendulum mounting set PD2/3/4 SM | jet black | 93193 |
| Pendulum mounting set PD2/3/4 SM | white | 93179 |

## Technical data

| | |
|---|---|
| Voltage: | 12 – 48 V AC / DC |
| Dimensions: | Ø 98 x 47 mm |
| Power consumption: | < 1 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| 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: | 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: | 0.1 A; cos φ = 1 with Reed relay |
| Type of contact (k): | 1x µ-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: | 0.1 A; cos φ = 1 with Reed relay |
| Type of contact: | 1x µ-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

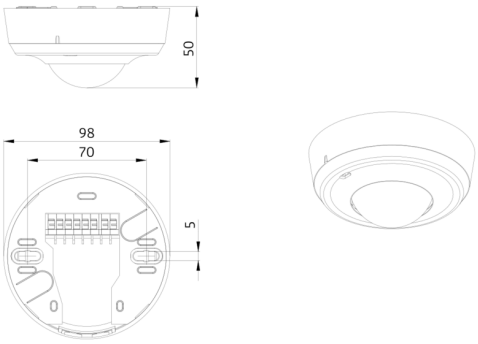
Can be used as either Master device or Slave device

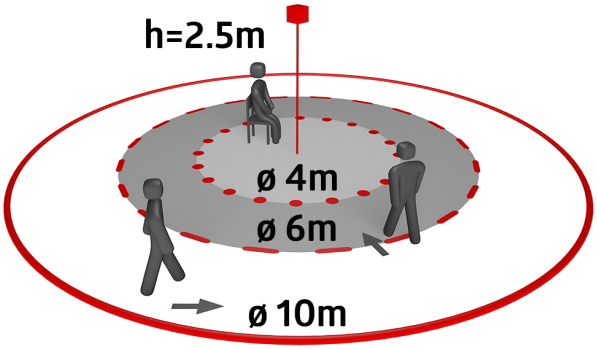
Manual switching via push-button possible

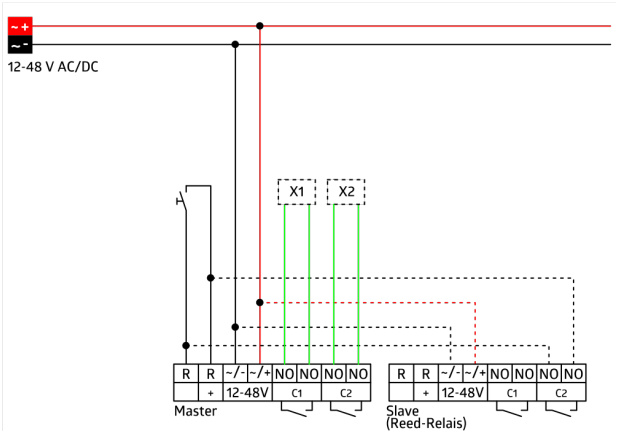
Additional functions can be set up using the optional remote control.

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

**Application examples:**
corridors/hallways, toilets, equipment rooms, small offices, open-plan offices, conference rooms


50
98
70
5


h=2.5m
ø 4m
ø 6m
ø 10m

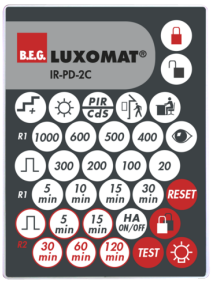

12-48 V AC/DC
X1
X2
R
R
-/-
-/+
NO
NO
NO
NO
+
12-48V
C1
C2
Master
Slave
(Reed-Relais)

## 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



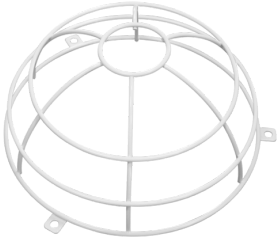

**IR-PD-2C**
Art.No: 92475

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: -



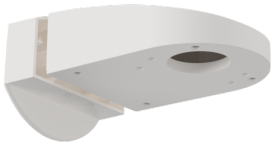
**Wire basket BSK (Ø 200 x 90 mm)**
Art.No: 92199

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



**SM socket IP54 for PD2- / PD4-SM**
Art.No: 92161

Dimensions: Ø 100 x 15 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant



**Wall holder PD4-SM**
Art.No: 92441

Dimensions: 130 x 100 x 53 mm
Housing: polycarbonate, UV-resistant
Material color: white



**Blinds PD2-SM**
Art.No: 92260

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



**Pendulum mounting set PD2/3/4 SM**
Art.No: 93193

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005



**Pendulum mounting set PD2/3/4 SM**
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010