

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

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-RR-SM	white	92305

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) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m ² / 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

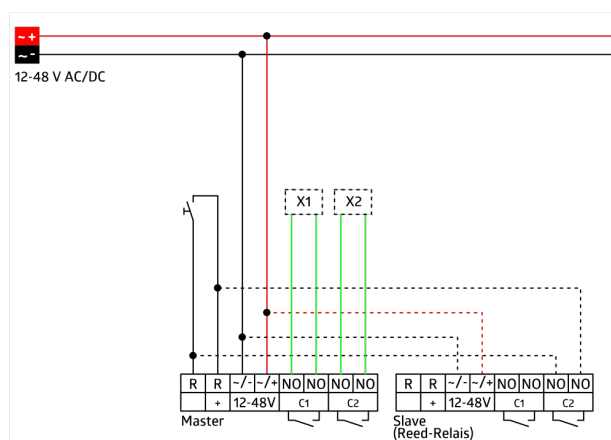
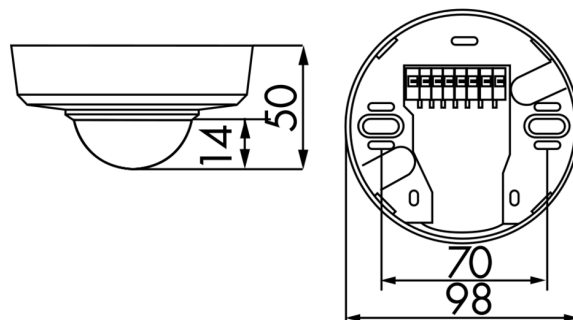
Manual switching via push-button possible

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



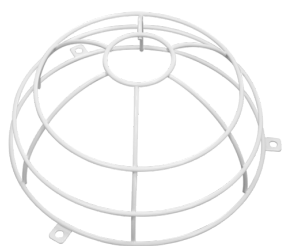
Accessories



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

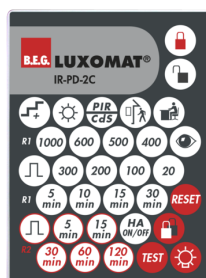
Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket



Blinds PD2-SM

Art.No: 92260

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



IR-PD-2C

Art.No: 92475

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



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



Pendulum mounting set PD2/3/4 SM

Art.No: 93193

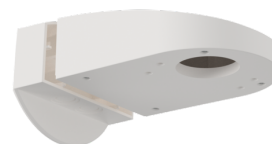
Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005



IR-PD-Mini

Art.No: 92159

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



Wall holder PD4-SM

Art.No: 92441

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



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