

**B.E.G.****LUXOMAT®****PD2-M-2C-12-48V-RR-SM**  
**Set 92305-92199-92161**

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 and equipped with a reed relay

**Order data****Designation**

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

Wire basket BSK (Ø 200 x 90 mm)

SM socket IP54 for PD2- / PD4-SM

**Colour**

white

white

white

**Art.No**

92305

92199

92161

**Areas of application**

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

## Technical data

Voltage:	12 – 48 V AC / DC
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
Power consumption:	< 1 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards seated
Range:	78 m <sup>2</sup> / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m min./max./recommended:
Mounting height	
Degree / class of protection:	IP20 / Class II
Impact strength:	<b>IK09 (92199)</b>
Ambient temperature:	-25 °C to +50 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b>
Material color:	white mat, similar to RAL9010

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

Switching power:	0.1 A; cos $\phi$ = 1 with Reed relay
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:	0.1 A; cos $\phi$ = 1 with Reed relay
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

Set : PD2-M-2C-12-48V-RR-SM + Wire basket BSK (Ø 200 x 90 mm) white + SM socket IP54 for PD2- / PD4-SM white, similar to RAL9010

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)



## Set items

To receive the bundle according to the technical specification, please order the items listed.



**PD2-M-2C-12-48V-RR-SM**  
Art.No: 92305

Voltage: 12 - 48 V AC / DC  
Dimensions: Ø 98 x 47 mm  
Power consumption: < 1 W



**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