

**B.E.G.****LUXOMAT®**

## PD4-M-TRIO-DIM-SM

Prod.No. 92730 EAN: 4007529927302

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

One potential-free switching channel for control of equipment (HVAC) or lighting

One common detection area

### Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms

### Order data

Designation	Colour	Art.No
PD4-M-TRIO-DIM-SM	white	92730

### Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD4-TRIO	-	92097
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Socket IP54 PD4-TRIO-SM	white	92386
Pendulum mounting set PD2/3/4 SM	white	93179

## Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 124 x 85 mm
Power consumption:	approx. 0.6 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Range:	
Monitored area (tangential movement):	450 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 and Channel 2 (lighting control)

Switching power:	3000 W, $\cos \varphi$ = 1 1500 VA, $\cos \varphi$ = 0.5 300 W LED max. inrush current $I_p$ (20 ms) = 165 A max. inrush current $I_p$ (200 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -contact, NO contact with tungsten pre- make contact
DIM output:	2 dim outputs 1-10 V DC, up to 25 ballasts per channel
Orientation light:	20 % / OFF / $\infty$

### Channel 3 (HVAC control or lighting control, potential-free (dry))

## Product information

Occupancy detector for two separate lighting groups, for  
daylight-dependent lighting control

One potential-free switching channel for control of equipment  
(HVAC) or lighting

One common detection area

Two independent, movable light sensors

Manual switching and dimming via push button possible

Orientation light function

Relay with tungsten pre-make contact, optimised for LED  
loads

Version as master device

Detection area can be extended by using slave devices

Two 1-10 V interfaces for control of dimmable electronic  
ballasts

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

Avoidance of standby losses of the lighting system in  
accordance with EnEV DIN V 18599-4

### Application examples:

open-plan offices, conference rooms, classrooms/seminar  
rooms



## Accessories



**RC-Arc extinction kit**  
Art.No: 10880

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



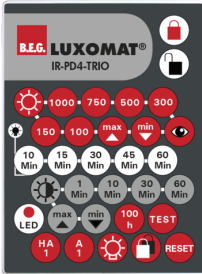
**Mini-RC-Arc extinction kit**  
Art.No: 10882

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



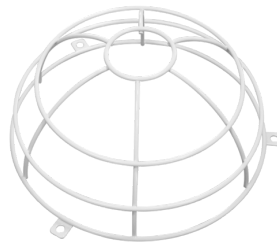
**BLE-IR-Adapter**  
Art.No: 93067

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-PD4-TRIO**  
Art.No: 92097

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 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



**Wire basket BSK (Ø 164 x 143 mm)**  
Art.No: 92467

Dimensions: Ø 164 x 143 mm  
Impact strength: IK09  
Housing: coated steel basket



**Socket IP54 PD4-TRIO-SM**  
Art.No: 92386

Degree / class of protection: IP54  
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