

**B.E.G.****LUXOMAT®**

## PD3N-1C-FM

Prod.No. 92186 EAN: 4007529921867

- Voltage: 110 - 240 V AC 50 / 60 Hz
- Dimensions: Ø 106 x 63 mm
- Power consumption: approx. 0.5 W

### Areas of application

- toilets
- equipment rooms
- corridors/hallways
- staircases

### Order data

Designation	Colour	Art.No
PD3N-1C-FM	white	92186

### Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD3/4N-1C-E	-	93110
IR-PD3N	-	92105
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Cover ring PD3N FM		93087

## Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 106 x 63 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across
Range:	max. Ø 6 m towards max. Ø 4 m seated
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:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

Switching power:	2300 W, $\cos \varphi$ = 1 1150 VA, $\cos \varphi$ = 0.5 800 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
Follow-up time:	15 sec – 30 min, Pulse
Switch-on threshold:	10 – 2000 Lux

## Product information

Remote control-capable ceiling motion detector
One channel for light switching
Zero crossing switching
Special optical system for detection of even the smallest movements
Uninterrupted parallel circuit detection of several detectors
Manual switching via push-button possible
Additional functions can be set up using the optional remote control.
Factory settings 10 min and 500 lux

### Application examples:

toilets, equipment rooms, corridors/hallways, staircases



## 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-PD3/4N-1C-E**  
Art.No: 93110

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



**IR-PD3N**  
Art.No: 92105

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



**Cover ring PD3N FM**  
Art.No: 93087

Dimensions: Ø 106 x 17 mm  
Housing: polycarbonate, UV-resistant  
Material color: jet black mat, similar to RAL9005