

**B.E.G.****LUXOMAT®**

## PD3N-1C-FC Micro

Prod.No. 92184 EAN: 4007529921843

230V PIR motion detector with 360° detection and a range of up to 10 m (78 m<sup>2</sup>), featuring an acoustic sensor and remote control functionality

### Areas of application

- toilets
- equipment rooms

### Order data

Designation	Colour	Art.No
PD3N-1C-FC Micro	white	92184

### Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD3N	-	92105
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Square design frame PD3N-FC	white	92991
Cover ring PD3N FC	jet black	93086
Blinds PD2N/PD3N		37367

## Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 83 x 81 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	78 m <sup>2</sup> / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m
Mounting height min./max./recommended:	IP23 / Class II
Degree / class of protection:	IK04
Impact strength:	-25 °C to +50 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	white mat, similar to RAL9010
Material color:	

### 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:	30 sec – 30 min, Pulse
Switch-on threshold:	10 – 2000 Lux

## Product information

Remote control-capable ceiling motion detector with  
integrated acoustic sensor

One channel for light switching

Zero crossing switching

Special optical system for detection of even the smallest  
movements

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

### Application examples:

toilets, equipment 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



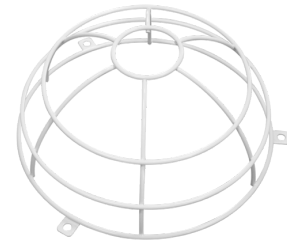
**IR-PD3N**  
Art.No: 92105

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



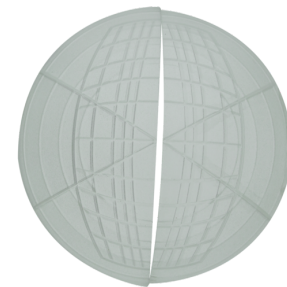
**Square design frame PD3N-FC**  
Art.No: 92991

Dimensions: 83 x 83 x 8 mm  
Housing: polycarbonate, UV-resistant  
Material color: white mat, similar to RAL9010



**Cover ring PD3N FC**  
Art.No: 93086

Dimensions: Ø 83 x 6 mm  
Housing: polycarbonate, UV-resistant  
Material color: jet black mat, similar to RAL9005



**Blinds PD2N/PD3N**  
Art.No: 37367

Housing: ABS