B.E.G. LUXOMAT®



PD3N-1C-NO-PF-FC

92576 EAN: 4007529925766

230V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled and equipped with a dry contact

Order data

Designation	Colour	Art.No
PD3N-1C-NO-PF-FC	white	92576

Areas of application

- underground car parks
- entrance halls
- corridors/hallways
- toilets
- equipment rooms
- small offices
- open-plan offices
- conference rooms

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-PD3/4N-1C-E	-	93110
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. 0.4 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Monitored area (tangential movement):	78 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP23 / 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, potential-free (dry))	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 800 W LED max. inrush current Ip (20 ms) = 165 A max. inrush current Ip (200 µs) = 800 A
Type of contact (k):	1x µ-contact, dry 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

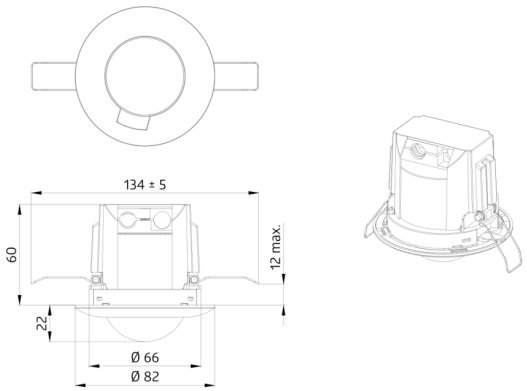
One potential-free (dry) switching contact

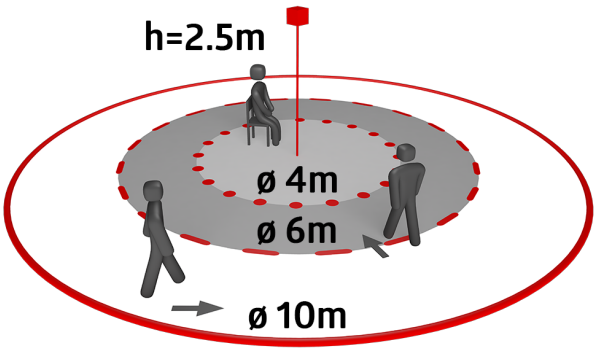
Zero crossing switching

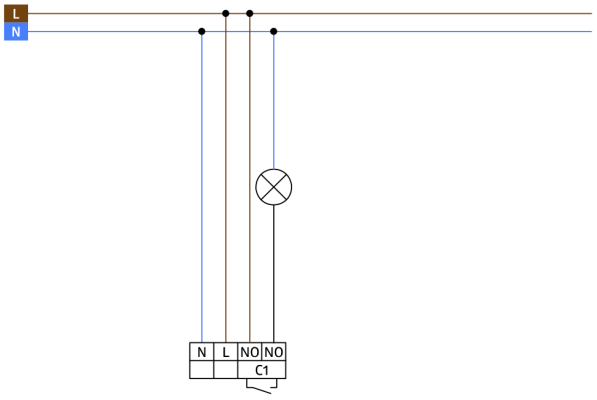
Special optical system for detection of even the smallest movements

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

Application examples:
underground car parks, entrance halls, corridors/hallways, toilets, equipment rooms, small offices, open-plan offices, conference rooms


134 ± 5
60
12 max.
22
Ø 66
Ø 82


h=2.5m
ø 4m
ø 6m
ø 10m


L
N
N
L
NO
NO
C1

Accessories



RC-Arc extinction kit
Art.No: 10880

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



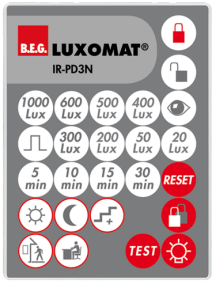
Mini-RC-Arc extinction kit
Art.No: 10882

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



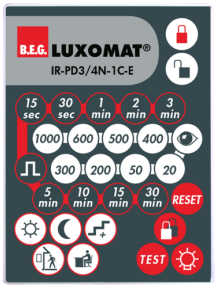
BLE-IR-Adapter
Art.No: 93067

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: -



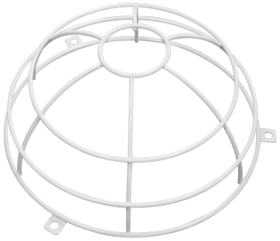
IR-PD3/4N-1C-E
Art.No: 93110

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



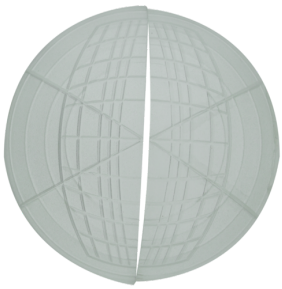
Square design frame PD3N-FC
Art.No: 92991

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