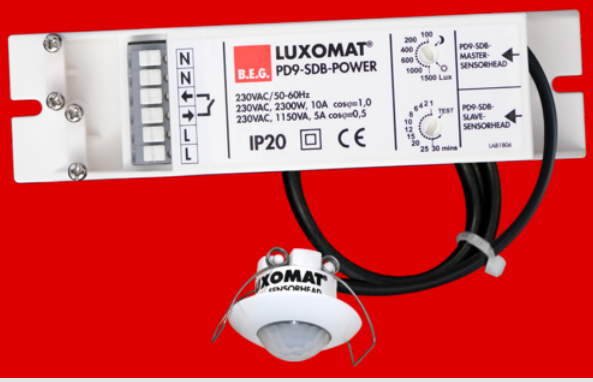
B.E.G. LUXOMAT®



PD9-M-1C-SDB-IP65-FC

Prod.No. 92912 EAN: 4007529929122

230V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), IP65, remote-controllable, and with a dry contact

Order data

Designation	Colour	Art.No
PD9-M-1C-SDB-IP65-FC	white	92912

Areas of application

- entrance halls
- plumbed rooms/bathrooms

Accessories

Designation	Colour	Art.No
Cover ring PD9 Ø 36 mm	anthracite	92235
Cover ring PD9 Ø 36 mm	white	92238
Cover ring PD9 Ø 36 mm	silver	92237
BLE-IR-Adapter	black	93067
IR-PD9	-	92201
IR-PD-Mini	-	92159
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
PD9-S-SDB-FC	white	92915

Technical data

Voltage:	230 V AC ±10% 50 Hz
Dimensions:	Sensor head: Ø 36 x 28 mm, Power supply: 154 x 40 x 26 mm
Power consumption:	2.2 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:	IP65 / Class III
Impact strength:	IK03
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Cable length:	350 cm
Channel 1 (lighting control, potential-free (dry))	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 400 W LED max. inrush current Ip (20 ms) = 80 A
Type of contact (k):	1x µ-contact, dry NO contact
Follow-up time:	15 sec – 30 min, Pulse
Switch-on threshold:	20 – 1500 Lux
Light measuring:	Mixed light measuring

Product information

Mini-occupancy detector designed for high-humidity locations

One potential-free (dry) switching contact

Version as master device

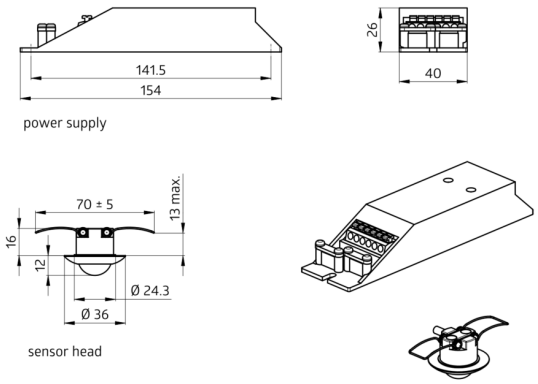
One additional Slave device sensor can be directly connected

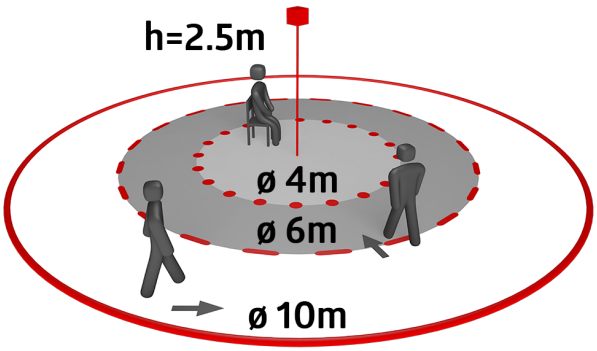
Additional functions can be set up using the optional remote control.

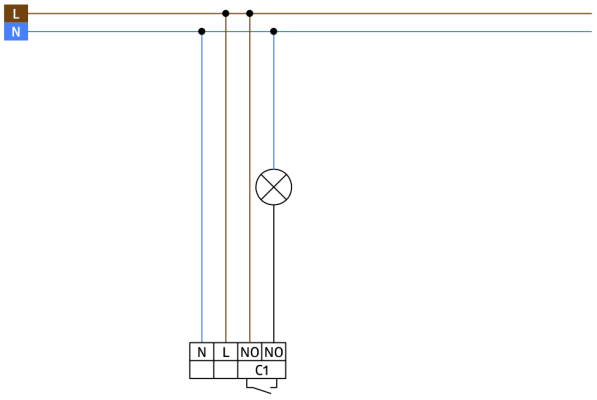
Mounting in closed ceilings is not possible

Spring clips for quick and easy installation in suspended ceilings and light fittings

Application examples:
entrance halls, plumbed rooms/bathrooms


141.5
154
power supply
26
40
70 ± 5
13 max.
16
12
Ø 24.3
Ø 36
sensor head


h=2.5m
ø 4m
ø 6m
ø 10m


L
N
N
L
NO
NO
C1

Accessories



Cover ring PD9 Ø 36 mm
Art.No: 92235

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: anthracite glossy

Cover ring PD9 Ø 36 mm
Art.No: 92238

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: white glossy



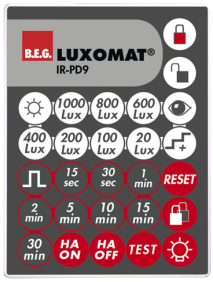
Cover ring PD9 Ø 36 mm
Art.No: 92237

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: silver glossy



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-PD9
Art.No: 92201

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: -



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



PD9-S-SDB-FC
Art.No: 92915

Dimensions: Ø 36 x 28 mm
Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 10 m across
max. Ø 6 m towards
max. Ø 4 m seated