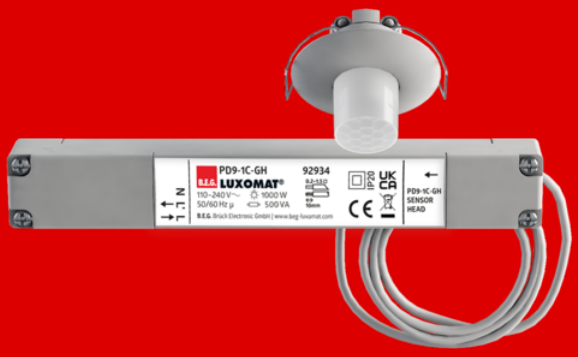
LUXOMAT®



PD9-1C-GH-FC

92934 EAN: 4007529929344

Mini-motion detector especially for large mounting heights

One channel for light switching

Zero crossing switching

Areas of application

- staircases
- sports halls/ storage rooms

Order data

Designation	Colour	Art.No
PD9-1C-GH-FC	white	92934

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
Cover ring PD9 Ø 36 mm	anthracite	92235
Cover ring PD9 Ø 36 mm	white	92238
Cover ring PD9 Ø 36 mm	silver	92237
Cover ring PD9 Ø 45 mm	white	92327
Cover ring PD9 Ø 45 mm	silver	92346
Square design frame PD9-FC	pure white	92993

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Sensor head: Ø 45 x 49 mm, Power supply: 165 x 24 x 24 mm
Power consumption:	< 0.5 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 3.5 m across
Monitored area (tangential movement):	9 m² / 6 m mounting height
Mounting height min./max./recommended:	5 m / 10 m / 6 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
Cable length:	45 cm
Channel 1 (lighting control)	
Switching power:	1000 W, cos φ = 1 500 VA, cos φ = 0.5 200 W LED
Type of contact (k):	1x µ-contact, NO contact
Follow-up time:	30 sec – 30 min, Pulse
Switch-on threshold:	10 – 2000 Lux

Product information

Mini-motion detector especially for large mounting heights

One channel for light switching

Zero crossing switching

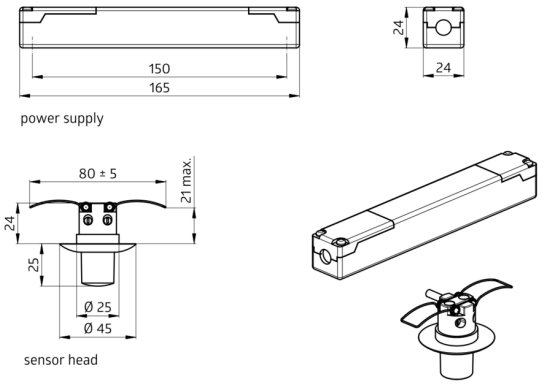
Easy installation on device

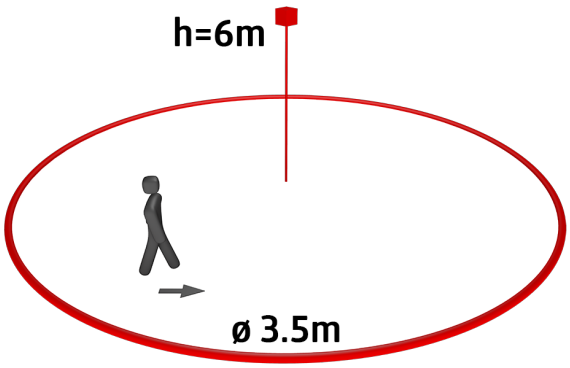
Power supply passes through the hole in the ceiling for the detector (34 mm Ø)

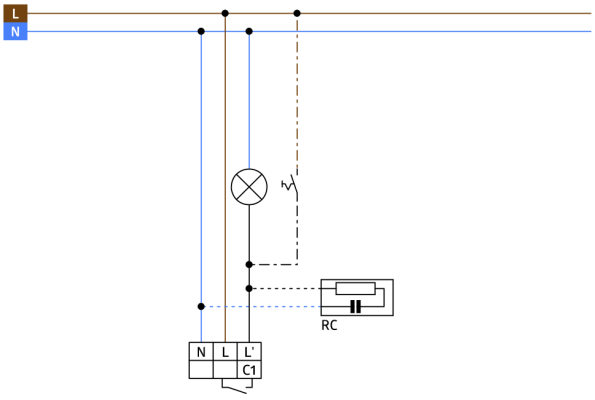
Spring clips for quick and easy installation in suspended ceilings and light fittings

Includes 45 mm cover ring and blind

Application examples:
staircases, sports halls/ storage rooms


150
165
power supply
24
24
80 ± 5
21 max.
24
25
Ø 25
Ø 45
sensor head


h=6m
ø 3.5m


L
N
RC
N
L
L'
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



Cover ring PD9 Ø 36 mm
Art.No: 92235

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

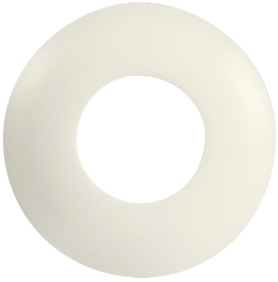
Cover ring PD9 Ø 36 mm
Art.No: 92238

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



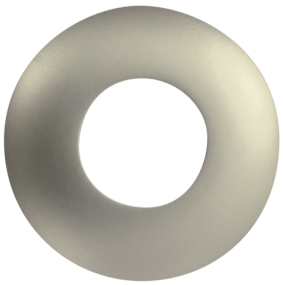
Cover ring PD9 Ø 36 mm
Art.No: 92237

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



Cover ring PD9 Ø 45 mm
Art.No: 92327

Dimensions: Ø 45 mm
Material color: white mat



Cover ring PD9 Ø 45 mm
Art.No: 92346

Dimensions: Ø 45 mm
Material color: silver mat



Square design frame PD9-FC
Art.No: 92993

Dimensions: 45 x 45 x 2.6 mm
Housing: polycarbonate, UV-resistant
Material color: pure white mat, similar to RAL9010