

Ceiling mounted occupancy detectors - 1-channel

PD9-M-1C-GH



white mat, similar to
RAL9010 , Part No. 92923

Product Information

- Mini-occupancy detector especially for large mounting heights
- One channel for light switching
- Version as master device
- Detection area can be extended with slave devices
- Manual switching via push-button possible
- Power supply passes through the hole in the ceiling for the detector (34 mm Ø)
- **Easy operation with remote control (required)**
- Spring clips for quick and easy installation in suspended ceilings and light fittings
- Includes 45 mm cover ring and blind
- Factory settings 10 min and 500 lux
- **Application examples:**
staircases, sports halls/ storage rooms

Technical Data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Sensor head: Ø 45 x 40 mm, Power supply: 165 x 24 x 24 mm
Power consumption:	approx. 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 5 m / 10 m / 6 m
min./max./recommended:

Degree / class of protection: IP20 / Class II

Ambient temperature: -25 °C to +50 °C

Housing: polycarbonate, UV-resistant

Cable length: 45 cm, screened

Channel 1 (lighting control)

Switching power: 2300 W, cos ϕ = 1
1150 VA, cos ϕ = 0.5
300 W LED
max. inrush current I_p (20 ms) = 165 A
max. inrush current I_p (200 μ s) = 800 A

Type of contact: 1x μ -contact, NO contact with tungsten pre-make contact

Follow-up time: 5 min – 30 min, Pulse

Switch-on threshold: 20 – 1000 Lux
Mixed light measuring

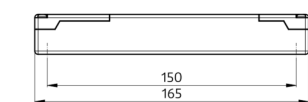
Description

Description	Colour	Part number	EAN number
PD9-M-1C-GH-FC	white mat, similar to RAL9010	92923	4007529929238

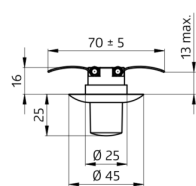
Accessory

Description	Colour	Part number	EAN number
BLE-IR-Adapter	black	93067	4007529930678
IR-PD-1C	-	92520	4007529925209
IR-PD-1C-E	-	92077	4007529920778
IR-PD-Mini	-	92159	4007529921591
RC-Arc extinction kit	white	10880	4007529108800
Mini-RC-Arc extinction kit	black	10882	4007529108824
Cover ring PD9 Ø 36 mm	anthracite glossy	92235	4007529922352
Cover ring PD9 Ø 36 mm	white glossy	92238	4007529922383
Cover ring PD9 Ø 36 mm	silver glossy	92237	4007529922376
Cover ring PD9 Ø 45 mm	white mat	92327	4007529923274
Cover ring PD9 Ø 45 mm	silver mat	92346	4007529923465

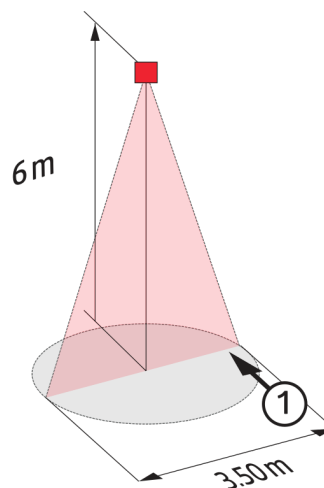
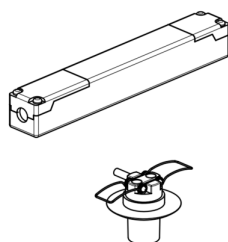
Description	Colour	Part number	EAN number
Square design frame PD9-FC	pure white mat, similar to RAL9010	92993	4007529929931



power supply



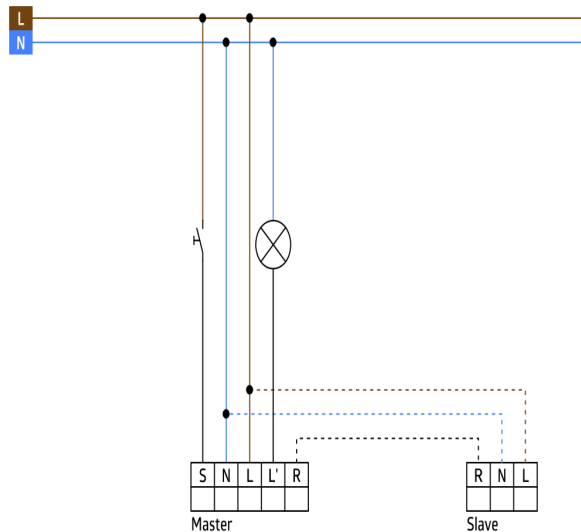
sensor head



Dimensions 92923

Range diagram

1: Walking across



Wiring diagrams