

Ceiling-mounted motion detectors - 12-48V

PD9-1C-12-48V



white mat, similar to
RAL9010 , Part No. 92985

Product Information

- Mini-motion detector with operating voltage 12-48 V
- One channel for light 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 blinds
- **Application examples:**
entrance halls, corridors/hallways, small offices

Technical Data

Voltage:	12 - 48 V AC / DC
Dimensions:	Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm
Power consumption:	< 0.25 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 m ² / 2.5 m mounting height

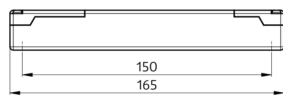
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK03
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Cable length:	45 cm
Channel 1 (lighting control, potential-free (dry))	
Switching power:	1000 W, $\cos \varphi = 1$ 200 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, dry NO contact with tungsten pre-make contact
Follow-up time:	30 sec - 30 min, Pulse
Switch-on threshold:	10 - 2000 Lux

Description

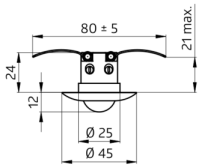
Description	Colour	Part number	EAN number
PD9-1C-12-48V-FC	white mat, similar to RAL9010	92985	4007529929856

Accessory

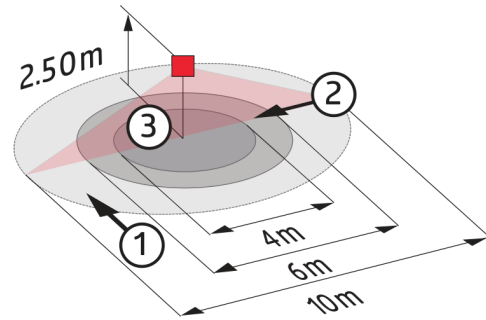
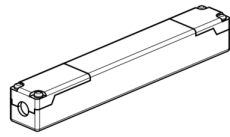
Description	Colour	Part number	EAN number
RC-Arc extinction kit	white	10880	4007529108800
Mini-RC-Arc extinction kit	black	10882	4007529108824
Cover IP65	transparent	92958	4007529929580
Cover ring PD9 Ø 36 mm	anthracite glossy	92235	4007529922352
Cover ring PD9 Ø 36 mm	white glossy	92238	4007529922383
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
Square design frame PD9-FC	pure white mat, similar to RAL9010	92993	4007529929931



power supply



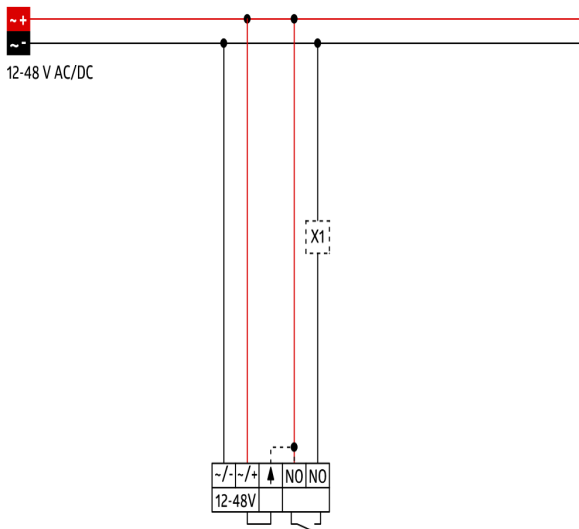
sensor head



Dimensions 92985

Range diagram

- 1: Walking across
- 2: Walking towards
- 3: Seated activity



Wiring diagrams