PD-8 ECO COM1 - surface white

MOTION AND PRESENCE DETECTOR

EAN 4007841087890

- Our series for the common ranges
- Presence detector with 8 m motion detection and 6 m presence detection for switching light
- Ideal for large offices, meeting rooms or passageways
- Easy to mount due to magnetic holder and round design
- Push-button input and parallel connection of up to 10 sensors for range extension
- Including pluggable cover caps for detection limitation
- External approval and measurement according to sensNORM

steinel

129 x 65 mm



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Technical Data

IDENTIFICATION

Version	Motion and Presence Detector

DIMENSIONS

Dimensions Ø × H	129 x 65 mm

ELECTRICAL

Switching output 1 resistive	2000 W
LED lamps > 8 W	500 W
Capacitive load in µF	176 µF
Switching output 1 number of LED/fluorescent lamps	50 pcs.

SENSOR TECHNOLOGY

Max. mounting height	4,00 m
Sensor technology	passive infrared
With motion detector	Yes
Detection angle	360 °
Segment-by-segment masking	Yes
Electronic scalability	No
Mechanical scalability	No
Radial range	Ø 4.5 m (16 m²)
Tangential range	Ø 8 m (50 m²)
Switching zones	492 switching zones
Mounting height	2 – 4 m
Presence range	Ø 6 m (28 m²)
Optimal mounting height	2,8 m

CONNECTIVITY

Type of networking	Master/master
Networking quantity	max. 10 sensors
Control technology	On/Off-Leuchte

LIGHTING TECHNOLOGY

Soft light start	Yes
Constant light regulation	No

SETTINGS

Twilight switch	Yes
Twilight setting	2 – 1000 lx
Time setting	5 s – 60 Min.
Main light adjustable	No
Functions	Motions sensor Light sensor Presence function Presence detector logic Semi-/fully automatic Potentiometer Relay output Normal / test mode
Settings via	Remote control Smart Remote Potentiometers
With remote control	No
Twilight setting teach	Yes

HOUSING & MATERIAL

Protection class (IP)	IP54
Ambient temperature	from -20 up to 50 °C
Housing material	Plastic
Cover material	Other
Cover material (scope of delivery)	shrouds
Mounting location	ceiling
Application location	Indoors
Mounting type	Surface wiring
Material	Plastic
Application room	Indoors function room / ancillary room one-person office warehouse
Colour	white

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

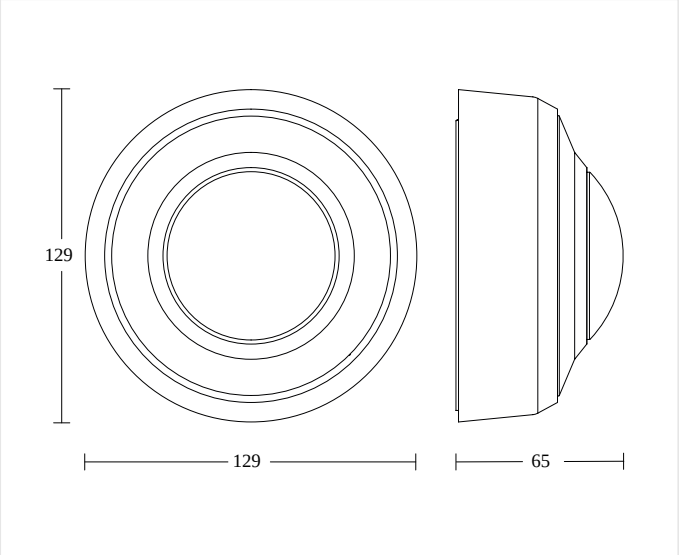
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MOTION AND PRESENCE DETECTOR

Illustrations

TECHNICAL DRAWINGS



129 x 65 mm

MOUNTING HEIGHT

2 – 4 m	2,8 m	4,00 m
BEREICH	OPTIMAL	MAX

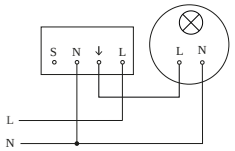
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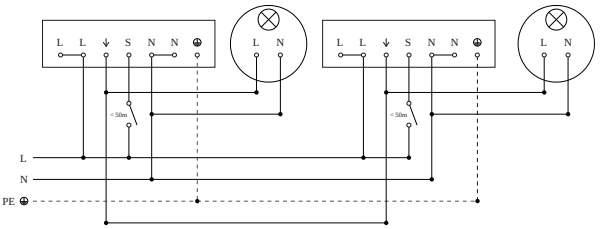
Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram

WIRING DIAGRAM 2



Circuit diagram for interconnecting several sensors

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841079543	**Deckeneinbau-Adapter Deckeneinbau**	Accessory
	4007841009151	**Smart Remote**	Accessory
	4007841592806	**Nutzer Fernbedienung RC5**	Accessory
	4007841559410	**Service Fernbedienung RC8**	Accessory

ORDERING INFORMATION

Art.-Nr.	087890
EAN	4007841087890
Typ	**PD-8 ECO COM1 - surface white**

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