

PD-24 ECO COM1 - surface black

MOTION AND PRESENCE DETECTOR

neva
lux

EAN 4007841087821

- Our series for the common ranges
- Presence detector with 24 m motion detection and 7.5 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 70 mm



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MOTION AND PRESENCE DETECTOR

Technical Data

IDENTIFICATION

Version	Motion and Presence Detector
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DIMENSIONS

Dimensions Ø x H **129 x 70 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	10,00 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 5.5 m (24 m²)

Tangential range	Ø 24 m (452 m²)
Switching zones	1436 switching zones
Mounting height	2 – 10,00 m
Presence range	Ø 7.5 m (44 m²)
Optimal mounting height	2,8 m

CONNECTIVITY

Type of networking	Master/master
Networking via	Cable
Networking quantity	max. 10 sensors

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
Normal / test mode	Normal / test mode	Potentiometer
Relay output	Relay output	

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 warehouses
Colour	black

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

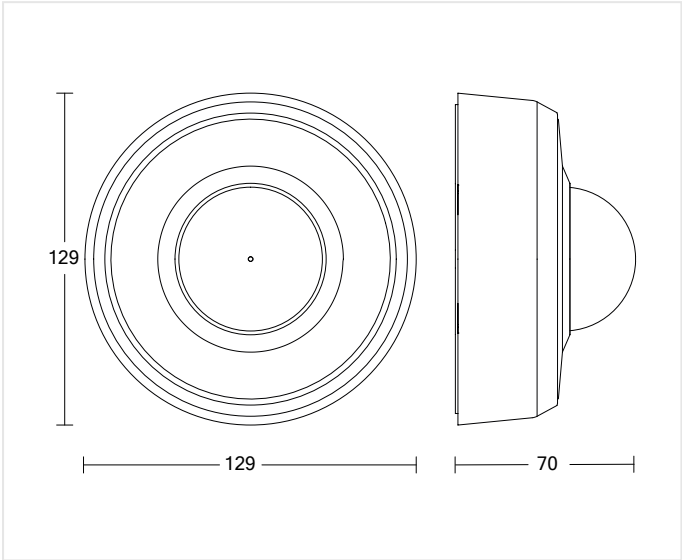
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Illustrations

TECHNICAL DRAWINGS



129 x 70 mm

MOUNTING HEIGHT

2 – 10,00 m BEREICH	2,8 m OPTIMAL	10,00 m MAX
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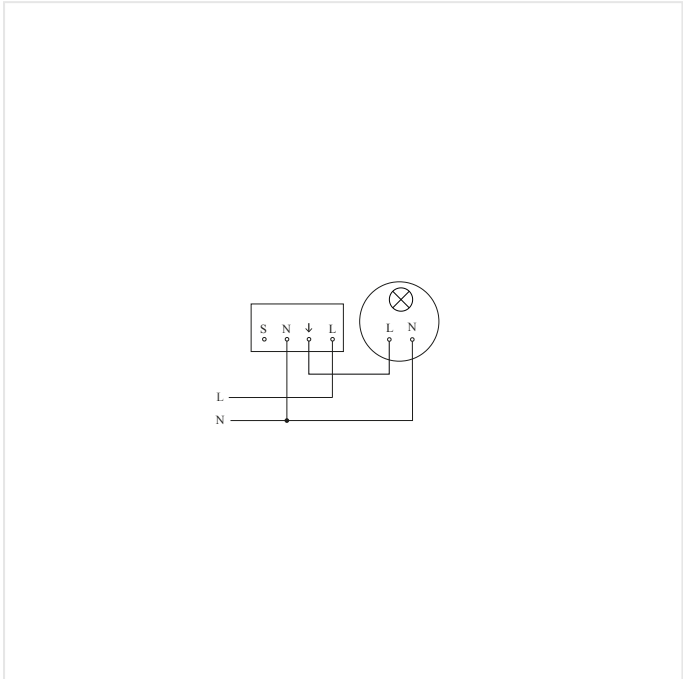
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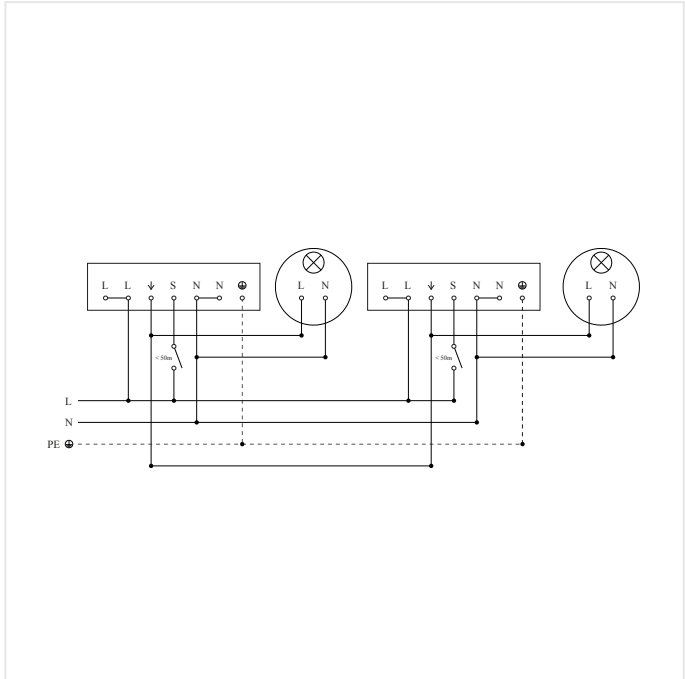
Wiring Diagrams

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.

087821

EAN

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Typ

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