

PD-24 ECO COM1 - in-ceiling installation white

neva
lux

MOTION AND PRESENCE DETECTOR

EAN 4007841087852

- 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

109 x 114 mm



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MOTION AND PRESENCE DETECTOR

Technical Data

IDENTIFICATION

Version	Motion and Presence Detector
1.0	Initial release
1.1	Added support for Windows 10
1.2	Added support for Windows 11
1.3	Added support for Windows 12
1.4	Added support for Windows 13
1.5	Added support for Windows 14
1.6	Added support for Windows 15
1.7	Added support for Windows 16
1.8	Added support for Windows 17
1.9	Added support for Windows 18
1.10	Added support for Windows 19
1.11	Added support for Windows 20
1.12	Added support for Windows 21
1.13	Added support for Windows 22
1.14	Added support for Windows 23
1.15	Added support for Windows 24
1.16	Added support for Windows 25
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1.18	Added support for Windows 27
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1.88	Added support for Windows 97
1.89	Added support for Windows 98
1.90	Added support for Windows 99
1.91	Added support for Windows 100
1.92	Added support for Windows 101
1.93	Added support for Windows 102
1.94	Added support for Windows 103
1.95	Added support for Windows 104
1.96	Added support for Windows 105
1.97	Added support for Windows 106
1.98	Added support for Windows 107
1.99	Added support for Windows 108
2.0	Added support for Windows 109
2.1	Added support for Windows 110
2.2	Added support for Windows 111
2.3	Added support for Windows 112
2.4	Added support for Windows 113
2.5	Added support for Windows 114
2.6	Added support for Windows 115
2.7	Added support for Windows 116
2.8	Added support for Windows 117
2.9	Added support for Windows 118
2.10	Added support for Windows 119
2.11	Added support for Windows 120
2.12	Added support for Windows 121
2.13	Added support for Windows 122
2.14	Added support for Windows 123
2.15	Added support for Windows 124
2.16	Added support for Windows 125
2.17	Added support for Windows 126
2.18	Added support for Windows 127
2.19	Added support for Windows 128
2.20	Added support for Windows 129
2.21	Added support for Windows 130
2.22	Added support for Windows 131
2.23	Added support for Windows 132
2.24	Added support for Windows 133
2.25	Added support for Windows 134
2.26	Added support for Windows 135
2.27	Added support for Windows 136
2.28	Added support for Windows 137
2.29	Added support for Windows 138
2.30	Added support for Windows 139
2.31	Added support for Windows 140
2.32	Added support for Windows 141
2.33	Added support for Windows 142
2.34	Added support for

DIMENSIONS

Dimensions Ø x H **109 x 114 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 Potentiometer Relay output

Settings via	Remote control Smart Remote Potentiometers
With remote control	No
Twilight setting teach	Yes

HOUSING & MATERIAL

Protection class (IP)	IP20
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	In-ceiling installation
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

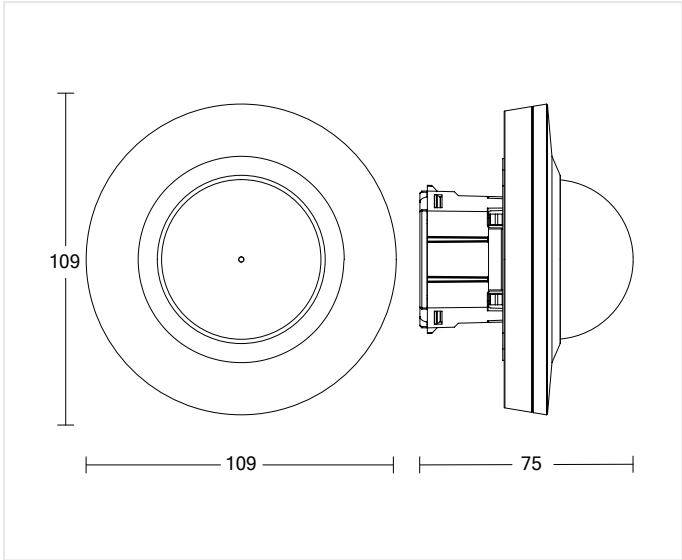
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Illustrations

TECHNICAL DRAWINGS



109 x 114 mm

MOUNTING HEIGHT

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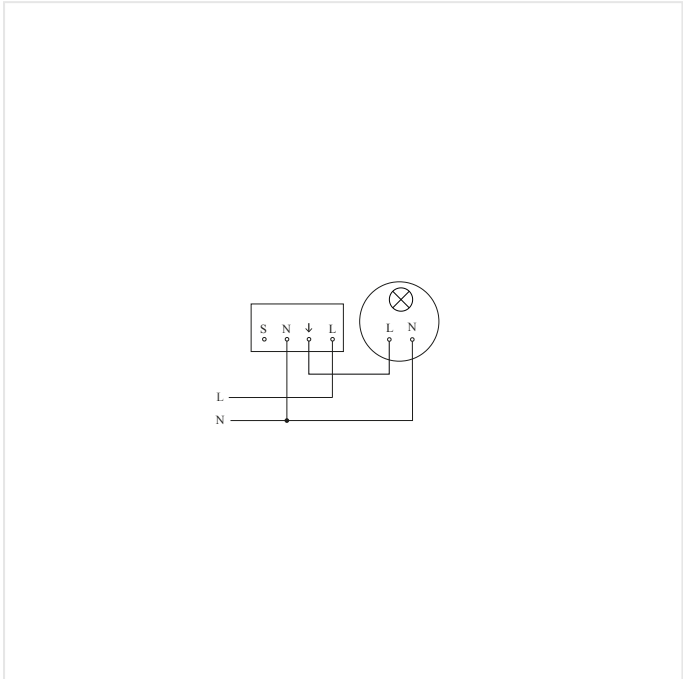
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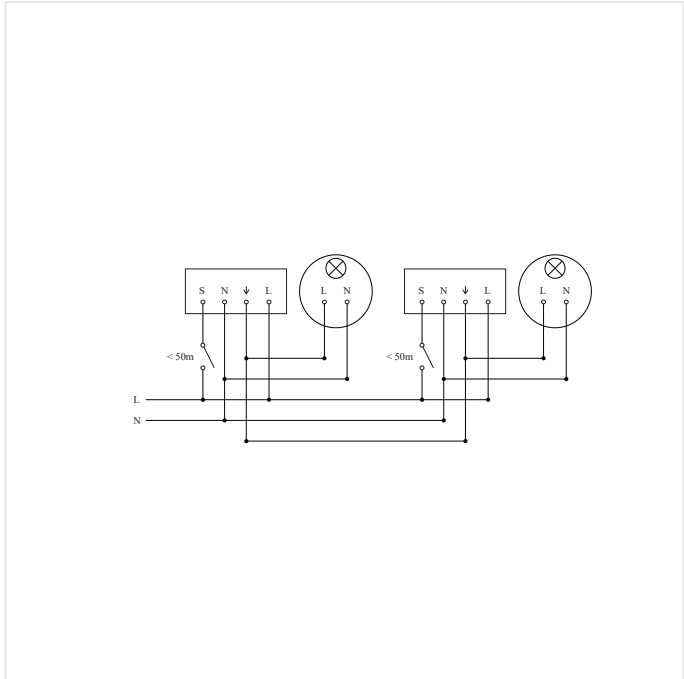
Wiring Diagrams

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.

087852

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Typ

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