

# PD IR 4360-24 COM1 - concealed white

**neva**  
**lux**

## MOTION AND PRESENCE DETECTOR

EAN 4007841085087

- Our series for the common ranges
- Presence detector with 24 m motion detection and 7.5 m presence detection for switching light
- Ideal for offices, meeting rooms or passageways
- Includes insertable cover caps to limit the detection range
- Installation-friendly, thanks to round design and modular system with magnetic plug-in connection
- Key input and parallel switching of multiple sensors to expand the detection range
- External approval and measurement in accordance with sensNORM

109 x 74 mm



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Technical Data

|                                                    |                                         |                                    |                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| IDENTIFICATION                                     |                                         |                                    |                                                                                                                                           |
| PU1 EAN                                            | 4007841085087                           | Sensor technology                  | passive infrared                                                                                                                          |
| Material number                                    | 110090126                               | With motion detector               | Yes                                                                                                                                       |
| SAP designation                                    | PRAESENZMELDER PD IR 4360-24 COM1 UP WS | Detection angle                    | 360 °                                                                                                                                     |
| Version                                            | Motion and Presence Detector            | Sneak-under protection             | Yes                                                                                                                                       |
| Product name data sheet                            | PD IR 4360-24 COM1 - concealed white    | Segment-by-segment masking         | Yes                                                                                                                                       |
| Product category                                   | Motion and Presence Detector            | Electronic scalability             | No                                                                                                                                        |
| Discount group                                     | P                                       | Mechanical scalability             | No                                                                                                                                        |
| Source                                             | Steinel Excel                           | Radial range                       | Ø 5.5 m (24 m²)                                                                                                                           |
| Product status                                     | Normal                                  | Tangential range                   | Ø 24 m (452 m²)                                                                                                                           |
| Manufacturer                                       | Steinel                                 | Switching zones                    | 1436 switching zones                                                                                                                      |
| DIMENSIONS                                         |                                         | Mounting height                    | 2 – 10,00 m                                                                                                                               |
| Dimensions Ø × H                                   | 109 x 74 mm                             | Presence range                     | Ø 7.5 m (44 m²)                                                                                                                           |
| PU1 net weight                                     | 0.169                                   | Optimal mounting height            | 2,8 m                                                                                                                                     |
| ELECTRICAL                                         |                                         | Nevalux sensor technology          | On / Off                                                                                                                                  |
| Mains connection                                   | 50 – 60 Hz                              | CONNECTIVITY                       |                                                                                                                                           |
| Switching output 1 resistive                       | 2000 W                                  | Networking                         | Yes                                                                                                                                       |
| LED lamps > 8 W                                    | 500 W                                   | Type of networking                 | Master/master                                                                                                                             |
| Capacitive load in µF                              | 176 µF                                  | Networking via                     | Cable                                                                                                                                     |
| Switching output 1 number of LED/fluorescent lamps | 50                                      | LIGHTING TECHNOLOGY                |                                                                                                                                           |
| Maximum inrush current                             | 800 A                                   | Soft light start                   | Yes                                                                                                                                       |
| SENSOR TECHNOLOGY                                  |                                         | Constant light regulation          | No                                                                                                                                        |
| Max. mounting height                               | 10,00 m                                 | 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                      | Concealed wiring                                                                                                                          |
|                                                    |                                         | Material                           | Plastic                                                                                                                                   |
|                                                    |                                         | Application room                   | one-person office function room / ancillary room Indoors warehouse                                                                        |
|                                                    |                                         | Colour                             | white                                                                                                                                     |
|                                                    |                                         | RAL colour                         | 9010                                                                                                                                      |
|                                                    |                                         | SCOPE OF DELIVERY & WARRANTY       |                                                                                                                                           |
|                                                    |                                         | Manufacturer warranty              | 5 years                                                                                                                                   |
|                                                    |                                         | Corner wall bracket included       | No                                                                                                                                        |

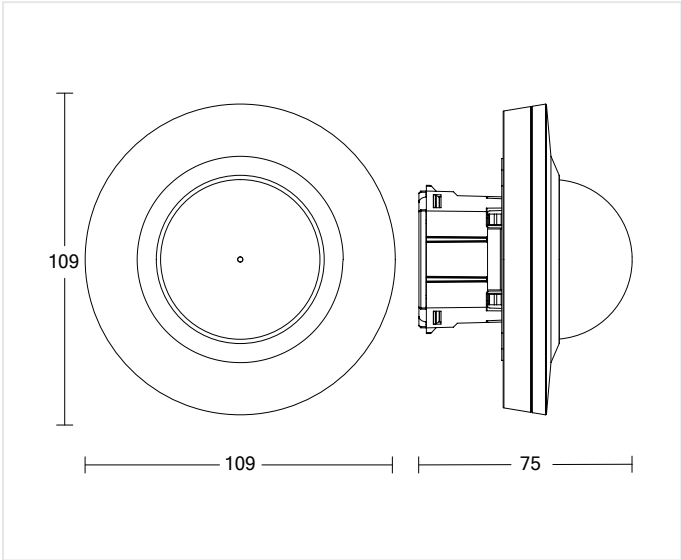
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Illustrations

TECHNICAL DRAWINGS



109 x 74 mm

MOUNTING HEIGHT

|                        |                  |                |
|------------------------|------------------|----------------|
| 2 – 10,00 m<br>BEREICH | 2,8 m<br>OPTIMAL | 10,00 m<br>MAX |
|------------------------|------------------|----------------|

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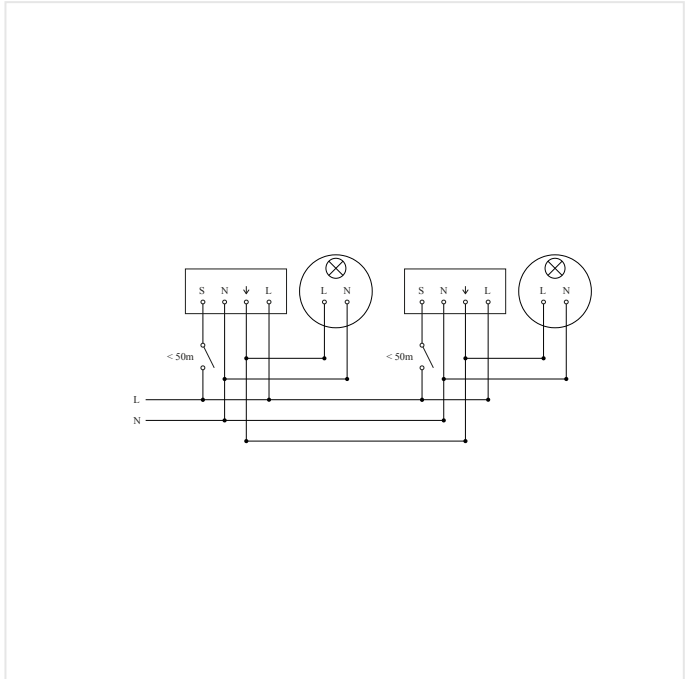
Wiring Diagrams

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.

085087

EAN

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Typ

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