# PD-24 ECO COM1 - concealed black

**MOTION AND PRESENCE DETECTOR**

EAN 4007841087869

- 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 74 mm



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# Technical Data

## IDENTIFICATION

| | |
|---|---|
| Version | **Motion and Presence Detector** |

## DIMENSIONS

| | |
|---|---|
| Dimensions Ø × H | **109 x 74 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 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 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 | **Indoors function room / ancillary room one-person office warehouse** |
| Colour | **black** |

## SCOPE OF DELIVERY & WARRANTY

| | |
|---|---|
| Manufacturer warranty | **5 years** |
| Corner wall bracket included | **No** |

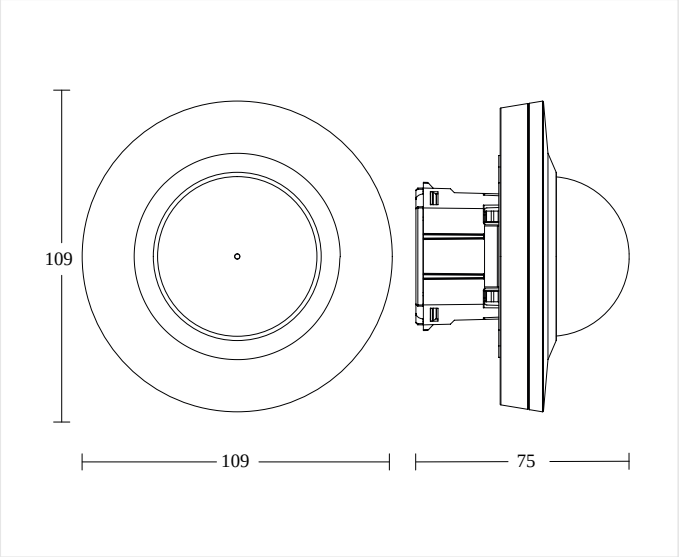
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## Illustrations

### TECHNICAL DRAWINGS




109 x 74 mm

### MOUNTING HEIGHT

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

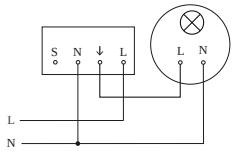
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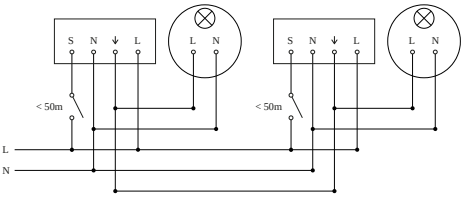
## Wiring Diagrams

**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. | 087869 |
| EAN | 4007841087869 |
| Typ | **PD-24 ECO COM1 - concealed black** |

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