

# PD-8 ECO

KNX - concealed black  
EAN 4007841 087982  
Article number 087982



## Function description

Motion detection, presence detection and light measurement for offices, meeting rooms, passageways and more – the 360° IR presence detectors are sensNORM-compliant and ideal for sensor-based standard requirements in public buildings. With COM1, KNX and DALI-2 IPD interface. With COM1 interface, key input and fully/semi-automatic mode. Motion detection range: Ø 8 or Ø 24 m. Presence detector function with Ø 6 or Ø 7.5 m detection zone. Includes insertable cover caps in a matching colour. For concealed wiring, surface mounting and recessed ceiling installation. Configuration and operation via Smart Remote control or potentiometer. Installation-friendly modular magnetic plug-in connection. LED feedback for safe commissioning. Mounting height max. 4 m. Parallel switching (up to 10 sensors). Switching output: 2000 watt or 500 watt (LED). In black or white.

## Technical specifications

|                            |   |   |  |
|----------------------------|---|---|--|
| Dimensions (Ø x H)         | 109 x 69 mm   | Mounting height                               | 2 – 4 m  |
| With motion detector       | Yes   | Mounting height max.                          | 4,00 m   |
| Manufacturer's Warranty    | 5 years   | Optimum mounting height                       | 2,8 m  |
| Settings via               | Smart Remote, ETS software, Bus                                       | Detection angle                               | 360 °  |
| With remote control        | No  | Capability of masking out individual segments | Yes  |
| Version                    | KNX - concealed black   | Electronic scalability                        | No   |
| PU1, EAN                   | 4007841087982   | Mechanical scalability                        | No   |
| Type                       | Motion and Presence Detector  | Reach, radial                                 | Ø 4.5 m (16 m²)  |
| Application, place         | Indoors   | Reach, tangential                             | Ø 8 m (50 m²)  |
| Application, room          | one-person office, function room / ancillary room, Indoors, warehouse | Reach, presence                               | Ø 6 m (28 m²)  |
| Colour                     | black   | Switching zones                               | 492 switching zones  |
| Includes corner wall mount | No  | Cover material                                | shrouds  |
| Installation site          | ceiling   | Functions                                     | Motions sensor, Light sensor, Presence function, Presence detector logic |
| Installation               | Concealed wiring, Ceiling   |   |  |

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|                     |                                |
|---------------------|--------------------------------|
| IP-rating           | IP20                           |
| Ambient temperature | from -20 up to 50 °C           |
| Material            | Plastic                        |
| With bus coupling   | Yes                            |
| Technology, sensors | passive infrared, Light sensor |

|                         |   |
|-------------------------|---|
| Twilight setting        | 2 – 800 lx  |
| KNX functions           | Light level, Light output 2x, Constant-lighting control, Photo-cell controller, Basic light level function, HVAC output, Logic gate, Presence output, Sabotage protection, Day / night function |
| Type of interconnection | Master/master   |
| Interconnection via     | Cable   |
| Rated current           | 10 mA   |
| Product category        | Motion and Presence Detector  |

## Accessories

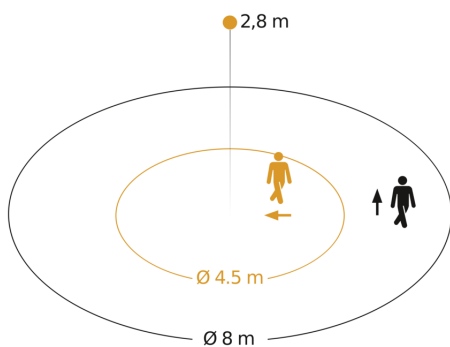
|                    |                             |
|--------------------|-----------------------------|
| EAN 4007841 079543 | Recessed adapter            |
| EAN 4007841 009151 | Remote control Smart Remote |
| EAN 4007841 592806 | User remote control RC5     |
| EAN 4007841 559410 | Service remote control RC8  |

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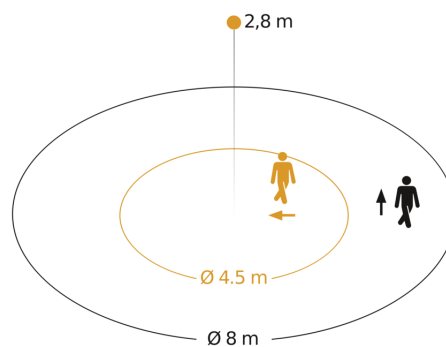


## Detection Zone 1



Possible mounting height: 2,00 m – 4,00 m  
Orange: radial  
Black: tangential

## Detection Zone 2



Possible mounting height: 2,00 m – 4,00 m  
Orange: radial  
Black: tangential

## Dimension Drawing

