

# PD-8 ECO

KNX - in-ceiling installation black  
 EAN 4007841 087968  
 Article number 087968



## 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

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 - in-ceiling installation black	Electronic scalability	No
PU1, EAN	4007841087968	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	In-ceiling installation, Ceiling	Twilight setting	2 – 800 lx
IP-rating	IP20		

# PD-8 ECO

KNX - in-ceiling installation black  
 EAN 4007841 087968  
 Article number 087968



## Technical specifications

Ambient temperature	from -20 up to 50 °C
Material	Plastic
With bus coupling	Yes
Technology, sensors	passive infrared, Light sensor
Mounting height	2 – 4 m

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

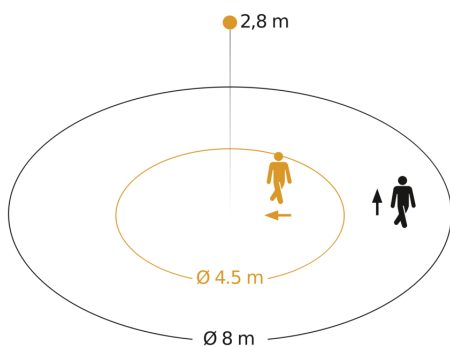
EAN 4007841 079543	Recessed adapter
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 592806	User remote control RC5
EAN 4007841 559410	Service remote control RC8

# PD-8 ECO

KNX - in-ceiling installation black  
EAN 4007841 087968  
Article number 087968

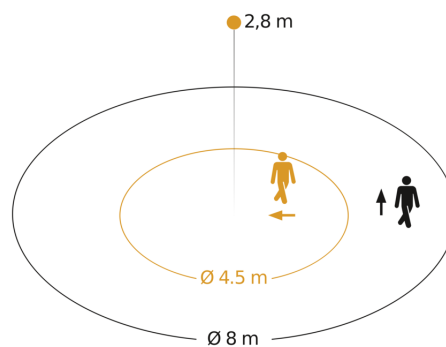


## Detection Zone 1



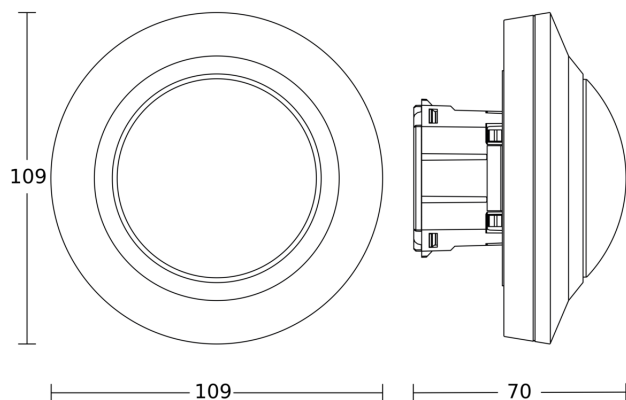
Possible mounting height: 2,00 m – 4,00 m  
Orange: radial  
Black: tangential

## Detection Zone 2



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

## Dimension Drawing 1



## Dimension Drawing 2

