Motion and Presence Detector - Professional Line

PD-8 ECO

DALI-2 Input Device - in-ceiling installation, white
EAN 4007841 088170
Article number 088170

easy install magnet | infrared sensor 360° | max. Ø 8 m | Presence Ø 6 m | ideal 1 - 2,5 m | IP20 | DALI-2 | Teach mode | manufacturer's warranty steinel.de/garantie | CE

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
Manufacturer's Warranty	5 years
Settings via	Bus
With remote control	No
Version	DALI-2 Input Device - in-ceiling installation, white
PU1, EAN	4007841088170
Type	Motion and Presence Detector
Application, place	Indoors
Application, room	one-person office, function room / ancillary room, Indoors, warehouse
Colour	white
Includes corner wall mount	No
Installation site	ceiling
Installation	In-ceiling installation, Ceiling
IP-rating	IP20

Mounting height max.	4,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	Ø 4.5 m (16 m^2)
Reach, tangential	Ø 8 m (50 m^2)
Reach, presence	Ø 6 m (28 m^2)
Switching zones	492 switching zones
Cover material	shrouds
Functions	Motions sensor, Light sensor, Presence function, Presence detector logic
Type of interconnection	Master/master

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Technical specifications

Ambient temperature	from -20 up to 50 °C
Material	Plastic
Power supply, detail	DALI bus
Technology, sensors	passive infrared, Mixed light metering
Mounting height	2 – 4 m

Interconnection via	Cable
Max. Current consumption according to IEC 62386-101	84 mA
Typical current consumption at 16V input voltage	12 mA
Max. Current consumption at 10V input voltage in regular operation	17 mA
Product category	Motion and Presence Detector

Accessories

EAN 4007841 079543	Recessed adapter In-ceiling installation
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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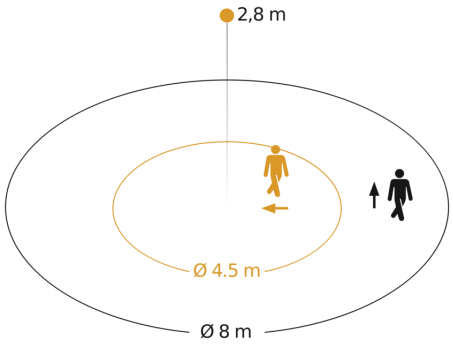
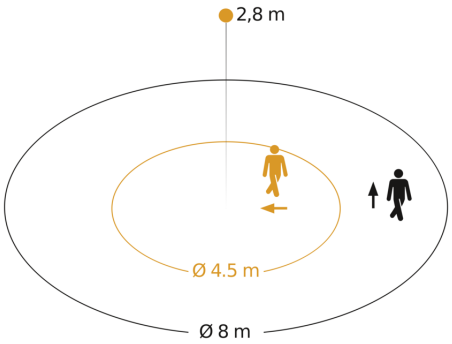
Detection Zone 1



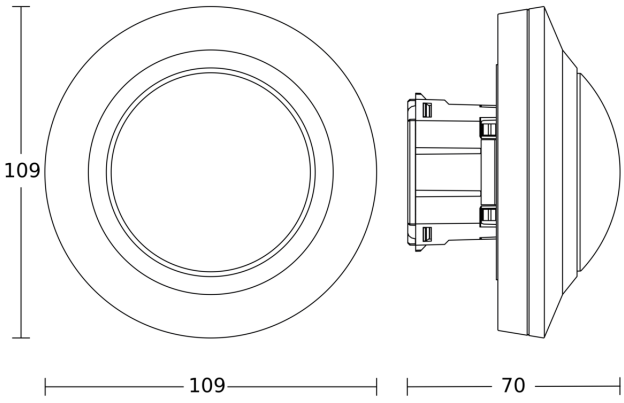
Possible mounting height: 2,00 m – 4,00 m
Orange: radial
Black: tangential

Detection Zone 2

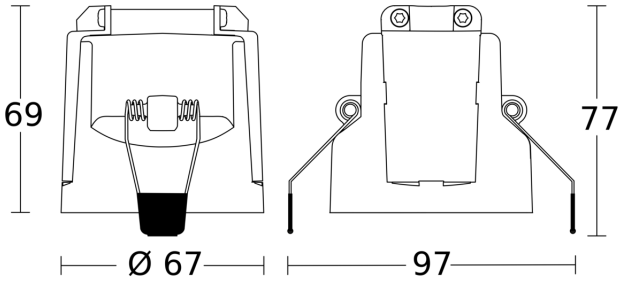


Possible mounting height: 2,00 m – 4,00 m
Orange: radial
Black: tangential

Dimension Drawing 1



Dimension Drawing 2



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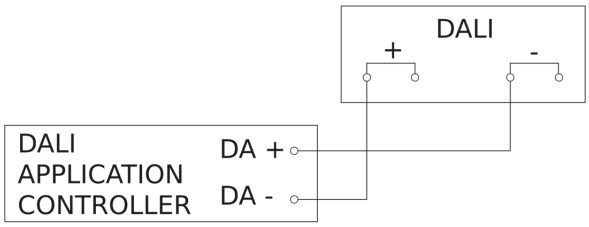
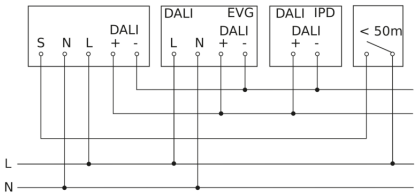
Circuit diagram



Circuit diagram for interconnecting DALI-2 APC with DALI-2 IPD