

Presence detector - Professional Line

IR Quattro HD-2 24m

V3.5 KNX - Surface wiring black

EAN 4007841 094546

Article number 094546



infrared sensor



ideal 2.5 - 10 m



2 - 2000 lux



5 sec - 60 min



KNX



Settings via App



movement



max. 8m x 8m
presence



temperature



air humidity

Function description

Designed for the finest detection in the largest detection area among our infrared presence detectors. Ideal for open-plan offices or classrooms. Infrared presence detector IR Quattro HD-2 with 360° detection capability and 5,200 switching zones. Wireless setting, adjustment and interconnection via Bluetooth. Pyro sensor individually controllable. For installation in ceilings (COM1, KNX V3.5) as well as for concealed and surface mounting (COM1, COM2, DALI-2 IPD, KNX V3.5, IP und BT IPD). Measured variables: Presence function and light level as well as temperature and humidity on the basis of IP, KNX and DALI-2 IPD. Max. mounting height 10 m. Reach: 81 m² (radial), 576 m² (tangential).

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Technical specifications

Dimensions (L x W x H)	64 x 123 x 123 mm
Manufacturer's Warranty	5 years
Settings via	Bus, ETS software, App, Potentiometers, Bluetooth Mesh
With remote control	No
Version	KNX - Surface wiring black
PU1, EAN	4007841094546
Type	Presence detector
Application, place	Indoors
Application, room	lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, reception / lobby, sports hall, multi-storey / underground car park, dining hall / staff restaurant, Indoors
Colour	black
Colour, RAL	9005
Includes corner wall mount	No
Installation site	ceiling
Installation	Surface wiring, Ceiling
IP-rating	IP20
Ambient temperature	from 0 up to 40 °C
Material	Plastic
Mains power supply	30 V
Power supply, detail	KNX bus
With bus coupling	Yes
Technology, sensors	Mixed light metering, passive infrared, Air humidity, Temperature
Mounting height	2,50 – 10,00 m

Mounting height max.	10,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Reach, radial	9 x 9 m (81 m ²)
Reach, tangential	24 x 24 m (576 m ²)
Reach, presence	9 x 9 m (81 m ²)
Twilight setting	2 – 2000 lx
Time setting	10 s – 1092 Min.
Basic light level function	Yes
Main light adjustable	Yes
Twilight setting TEACH	Yes
Constant-lighting control	Yes
KNX functions	Comfort, Photo-cell controller, Individual pyro evaluation, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, Logic gate
Interconnection	Yes
Interconnection via	KNX bus, Bluetooth Mesh
Rated current	10 mA
KNX Medium	TP 256
KNX Secure	No
Product category	Presence detector

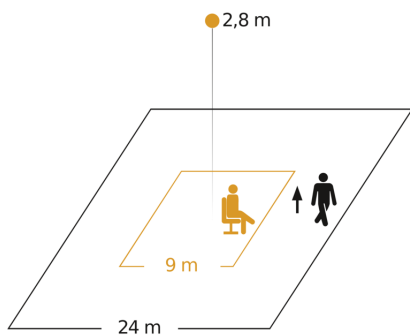
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Detection Zone



Possible mounting height: 2,50 m - 10,00 m

Orange: presence

Black: tangential

Dimension Drawing

