

Presence detector - Professional Line

# DualTech

V3 KNX - Concealed wiring  
EAN 4007841 059521  
Article number 059521



ultrasonic sensor  
360°



infrared sensor  
360°



max. Ø 6 m  
presence



KNX 4 channel



IP20



ideal 2,5 - 3,5 m



indoor sensor



iQ-mode



Teach mode



energy saving

## Function description

The best of both worlds. Combined in one detector. Ultrasonic presence detector DualTech KNX, ideal for offices, conference rooms and class rooms. 36 sq.m. presence zone, ultrasonic technology provides reliable detection behind objects regardless of temperature, additional detection capability with PIR technology, electronic adjustment for ultrasonic reach, with digital BUS interface for controlling 4 lighting channels and HVAC.

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## Technical specifications

Type	Presence detector
Dimensions (L x W x H)	65 x 120 x 120 mm
Mains power supply	30 V
Power consumption	0,7 W
Power supply, detail	KNX bus
Sensor Technology	Ultrasonic
Application, place	Indoors
Installation site	ceiling
Installation	Concealed wiring
Mounting height	2,50 – 3,5 m
Reach, radial	Ø 10 m (79 m <sup>2</sup> )
Reach, tangential	Ø 10 m (79 m <sup>2</sup> )
Reach, presence	Ø 6 m (28 m <sup>2</sup> )
Ultrasonic technology	40 kHz
Detection angle	360 °
Angle of aperture	180 °
Optimum mounting height	2,8 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes

Twilight setting TEACH	Yes
Twilight setting	10 – 1000 lx
Time setting	10 s – 1092 Min.
Constant-lighting control	Yes
Basic light level function	Yes
Basic light level function time	1-255 min
KNX functions	Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Presence output, Day / night function, Logic gate
With bus coupling	Yes
Settings via	ETS software, Remote control, Bus, Smart Remote
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
IP-rating	IP20
Material	Plastic
Ambient temperature	-25 – 55 °C
Application, room	classroom, one-person office, open-plan office, conference room / meeting room, duty room, recreation room, Indoors
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - Concealed wiring
PU1, EAN	4007841059521

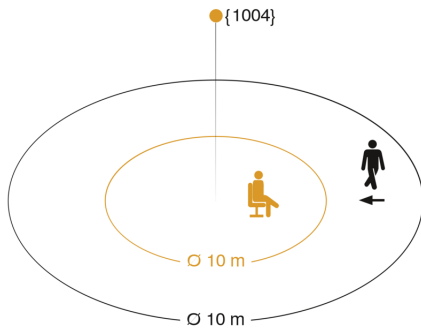
## Accessories

EAN 4007841 002855	Clamping-type ceiling adapter Control PRO UP Box
EAN 4007841 000363	Surface-mounting adapter Control PRO AP Box (IP54)
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 592912	User remote control RC7 KNX

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## Detection Zone



Mögliche Montagehöhe: 2,50 m – 3,50 m  
Orange: Präsenz und tangential  
Schwarz: radial

## Dimension Drawing

