

Weather Station Plus

KNX

Measurement and evaluation of weather data: Wind speed, Wind direction, Precipitation, Brightness, Global radiation Twilight, Temperature, Relative air humidity and Air pressure

- Installation on the outside of buildings, preferable in the roof and facade area
- Operation with additional power supply
- Product characteristics
- Integrated GPS/GLONASS receiver for automated positioning
- Calculation of additional weather data: Absolute air humidity, chill temperature, comfort
- Function for shading control
- Integrated KNX bus coupling unit
- Measurement data acquisition and limit value monitoring
- Software logic modules for linking events
- Integrated heating



Technical Features

Mechanical data	<ul style="list-style-type: none"> • Dimensions: ØxH 130x68 mm
Supply	<ul style="list-style-type: none"> • Via bus EIB/KNX cable: 21 ÷ 32 Vdc • Auxiliary power supply: 21 ÷ 32 Vadc, Current consumption 100 ÷ 400 mA (dependent on the weather)
Degree of protection	<ul style="list-style-type: none"> • IP44

Order Codes

WS00A01KNX
Weather Station Plus KNX

KNX Basic Presence Detector

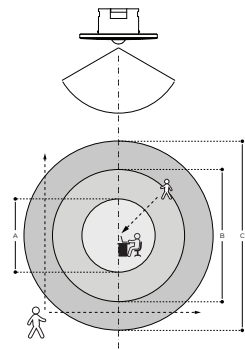
The BASIC version of Eelectron presence detectors range is suitable for ceiling mounting up to 4 m height.

Presence detection, based on a passive infrared sensor has 5 independently configurable channels with different functions that can be activated.

The device has a rear connector with 3 digital inputs that can be connected to buttons or switches free of potential and used for on / off commands, dimming, shutters or blinds / scenarios, sequences, step commands, etc. One of the 3 inputs can be configured as analogue for the connection of NTC temperature probes (see eelectron probes code TS00A01ACC / TS00B01ACC) with which to send the temperature measurement on the bus.

12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators.

The device also integrates the "Virtual Holder Logic"; the field of application is the hotel room: through a magnetic sensor installed on the door and connected to a digital input (also to the sensor itself), accurate presence information is managed. The presence detection solution can deduce the presence of people in the room using one or more dedicated sensors. It also detects an unexpected presence and is able to differentiate more behaviors.



Detection range

BASIC - STANDARD - MULTI - SPACE			
h	A	B	C
2.5 m	3.8 m	7.0 m	10.0 m
3.0 m	4.0 m	8.0 m	12.0 m
3.5 m	5.0 m	9.0 m	13.0 m
4.0 m	6.0 m	11.0 m	14.0 m

- A | Person working at the desk
- B | Person moving towards the sensor
- C | Person moving sideways with respect to the sensor

Technical Features

Mechanical data	<ul style="list-style-type: none"> Dimensions: Ø x H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> For free potential contacts (dry contacts) Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	For NTC temperature probe eelectron code: <ul style="list-style-type: none"> TS01A01ACC (range from -20°C to +100°C) TS01B01ACC (range from -50°C to +60°C) TS01D01ACC (range from -40°C to 125°C) Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

- PD00E00KNX**
KNX Presence detector Basic
- PD00E00KNX-3**
KNX Presence detector Basic - Black
- PD00E00ACC**
Surface mounting enclosure
- PD00E00ACC-3**
Surface mounting enclosure - Black
- PD00E01ACC**
Box mounting frame
- PD00E03ACC**
Swiss box mounting frame - White
- PD00E03ACC-3**
Swiss box mounting frame - Black

KNX Standard Presence Detector

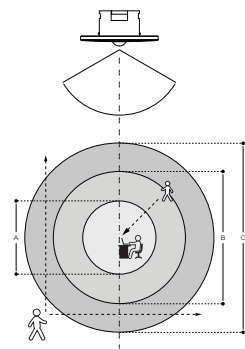
WITH LIGHTING CONTROL

The STANDARD version of Eelectron presence detectors range is suitable for ceiling mounting up to 4 m height and includes a brightness sensor for environmental lighting control. Presence detection, based on a passive infrared sensor, has 5 independently configurable channels with different functions that can be activated: presence with or without brightness control and with automatic or semi-automatic detection; constant brightness independent or presence dependent with automatic or semi-automatic activation.

The device has a rear connector with 3 digital inputs that can be connected to buttons or switches free of potential and used for on / off commands, dimming, shutters or blinds / scenarios, sequences, step commands, etc. One of the 3 inputs can be configured as analogue for the connection of NTC temperature probes (see eelectron probes code TS00A01ACC / TS00B01ACC) with which to send the temperature measurement on the bus. 12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators.

The device also integrates the "Virtual Holder Logic"; the field of application is the hotel room: through a magnetic sensor installed on the door and connected to a digital input (also to the sensor itself), accurate presence information is managed. The presence detection solution can deduce the presence of people in the room using one or more dedicated sensors. It also detects an unexpected presence and is able to differentiate more behaviors.

The device manages the ambient lighting based on the measured illuminance; it is also possible to enable the logic called "Circadian Rhythm" with which brightness and color temperature are imposed on the basis of predefined curves or on the basis of the real position of the sun during the day with respect to a terrestrial coordinate.



Detection range

BASIC - STANDARD - MULTI - SPACE			
h	A	B	C
2.5 m	3.8 m	7.0 m	10.0 m
3.0 m	4.0 m	8.0 m	12.0 m
3.5 m	5.0 m	9.0 m	13.0 m
4.0 m	6.0 m	11.0 m	14.0 m

- A | Person working at the desk
- B | Person moving towards the sensor
- C | Person moving sideways with respect to the sensor

Technical Features

Mechanical data	<ul style="list-style-type: none"> Dimensions: Ø x H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> For free potential contacts (dry contacts) Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	For NTC temperature probe eelectron code: <ul style="list-style-type: none"> TS01A01ACC (range from -20°C to +100°C) TS01B01ACC (range from -50°C to +60°C) TS01D01ACC (range from -40°C to 125°C) Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

- PD00E01KNX**
KNX Presence detector Standard with lighting control
- PD00E01KNX-3**
KNX Presence detector Standard with lighting control - Black
- PD00E00ACC**
Surface mounting enclosure
- PD00E00ACC-3**
Surface mounting enclosure - Black
- PD00E01ACC**
Box mounting frame
- PD00E03ACC**
Swiss box mounting frame - White
- PD00E03ACC-3**
Swiss box mounting frame - Black

KNX High Bay Presence Detector

WITH LIGHTING CONTROL

The HIGH BAY version of Eelectron presence detectors range is suitable for ceiling mounting up to 16 m height and includes a brightness sensor for environmental lighting control. Presence detection, based on a passive infrared sensor, has 5 independently configurable channels with different functions that can be activated: presence with or without brightness control and with automatic or semi-automatic detection; constant brightness independent or presence dependent with automatic or semi-automatic activation.

The device has a rear connector with 3 digital inputs that can be connected to buttons or switches free of potential and used for on / off commands, dimming, shutters or blinds / scenarios, sequences, step commands, etc. One of the 3 inputs can be configured as analogue for the connection of NTC temperature probes (see eelectron probes code TS00A01ACC / TS00B01ACC) with which to send the temperature measurement on the bus. 12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators.

The device also integrates the "Virtual Holder Logic"; the field of application is the hotel room: through a magnetic sensor installed on the door and connected to a digital input (also to the sensor itself), accurate presence information is managed. The presence detection solution can deduce the presence of people in the room using one or more dedicated sensors. It also detects an unexpected presence and is able to differentiate more behaviors.

The device manages the ambient lighting based on the measured illuminance; it is also possible to enable the logic called "Circadian Rhythm" with which brightness and color temperature are imposed on the basis of predefined curves or on the basis of the real position of the sun during the day with respect to a terrestrial coordinate.



Detection range

h	∅
5 m	6 m
12 m	14 m
16 m	19 m

Technical Features

Mechanical data	<ul style="list-style-type: none"> • Dimensions: ∅ × H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> • Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> • Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> • For free potential contacts (dry contacts) • Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	For NTC temperature probe eelectron code: <ul style="list-style-type: none"> • TS01A01ACC (range from -20°C to +100°C) • TS01B01ACC (range from -50°C to +60°C) • TS01D01ACC (range from -40°C to 125°C) • Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

PD00E09KNX

KNX High bay presence detector with lighting control

PD00E09KNX-3

KNX High bay presence detector with lighting control - Black

PD00E00ACC

Surface mounting enclosure

PD00E00ACC-3

Surface mounting enclosure - Black

PD00E01ACC

Box mounting frame

PD00E03ACC

Swiss box mounting frame - White

PD00E03ACC-3

Swiss box mounting frame - Black

KNX Multi.Sensor Presence Detector

WITH LIGHTING CONTROL, TEMPERATURE, HUMIDITY, SOUND SENSOR

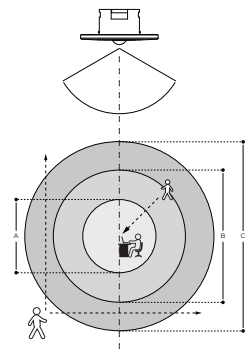
The MULTI.SENSOR of Eelectron presence detectors range is suitable for ceiling mounting up to 4 m height. The device includes a brightness sensor for environmental lighting control, humidity and temperature sensors with the relative control algorithms and a sound sensor that can be used in rooms with parts not totally visible to the infrared sensor.

Presence detection, based on a passive infrared sensor, has 5 independently configurable channels with different functions that can be activated: presence with or without brightness control and with automatic or semi-automatic detection; constant brightness independent or presence dependent with automatic or semi-automatic activation.

The device has a rear connector with 3 digital inputs that can be connected to buttons or switches free of potential and used for on / off commands, dimming, shutters or blinds / scenarios, sequences, step commands, etc. One of the 3 inputs can be configured as analogue for the connection of NTC temperature probes (see eelectron probes code TS00A01ACC / TS00B01ACC) with which to send the temperature measurement on the bus or manage a complete thermostat module. The thermostat manages 2 stages with an integrated PI controller for controlling heating and cooling equipment, valves, 2 and 4-pipe fan coils, etc.

The humidity sensor manages the measurement of the ambient relative humidity and allows the control with thresholds and hysteresis of humidification and dehumidification equipments.

12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators. The device also integrates the "Virtual Holder Logic"; the field of application is the hotel room: through a magnetic sensor installed on the door and connected to a digital input (also to the sensor itself), accurate presence information is managed. The presence detection solution can deduce the presence of people in the room using one or more dedicated sensors. It also detects an unexpected presence and is able to differentiate more behaviors. The device manages the ambient lighting based on the measured illuminance; it is also possible to enable the logic called "Circadian Rhythm" with which brightness and color temperature are imposed on the basis of predefined curves or on the basis of the real position of the sun during the day with respect to a terrestrial coordinate.



BASIC - STANDARD - MULTI - SPACE

h	A	B	C
2.5 m	3.8 m	7.0 m	10.0 m
3.0 m	4.0 m	8.0 m	12.0 m
3.5 m	5.0 m	9.0 m	13.0 m
4.0 m	6.0 m	11.0 m	14.0 m

- A | Person working at the desk
- B | Person moving towards the sensor
- C | Person moving sideways with respect to the sensor

Order Codes

PD00E02KNX

KNX Presence detector Multi.Sensor - lighting control, temperature, humidity, sound sensor

PD00E02KNX-3

KNX Presence detector Multi.Sensor - lighting control, temperature, humidity, sound sensor - Black

PD00E00ACC

Surface mounting enclosure

PD00E00ACC-3

Surface mounting enclosure - Black

PD00E01ACC

Box mounting frame

SM03E01ACC

Slave sensor CO₂ + Temperature

SM03E01ACC-3

Slave sensor CO₂ + Temperature - Black

PD00E03ACC

Swiss box mounting frame - White

PD00E03ACC-3

Swiss box mounting frame - Black

Technical Features

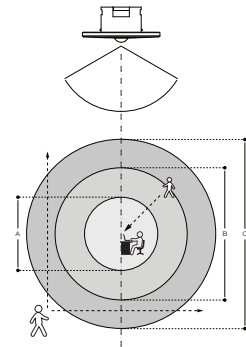
Mechanical data	<ul style="list-style-type: none"> Dimensions: Ø x H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> For free potential contacts (dry contacts) Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	<p>For NTC temperature probe eelectron code:</p> <ul style="list-style-type: none"> TS01A01ACC (range from -20°C to +100°C) TS01B01ACC (range from -50°C to +60°C) TS01D01ACC (range from -40°C to 125°C) Max. length of Connecting Cable: ≤ 30 m (twisted cable)

KNX Space Presence Detector

WITH LIGHTING CONTROL, TEMPERATURE, HUMIDITY, SOUND SENSOR, UTILIZATION RANGE AND OCCUPANCY

The SPACE sensor of Eelectron presence detectors range is suitable for ceiling mounting up to 4 m height. The device includes a brightness sensor for environmental lighting control, humidity and temperature sensors with the relative control algorithms and a sound sensor that can be used in rooms with parts not totally visible to the infrared sensor. Presence detection, based on a passive infrared sensor, has 5 independently configurable channels with different functions that can be activated: presence with or without brightness control and with automatic or semi-automatic detection; constant brightness independent or presence dependent with automatic or semi-automatic activation. The device has a rear connector with 3 digital inputs that can be connected to buttons or switches free of potential and used for on / off commands, dimming, shutters or blinds / scenarios, sequences, step commands, etc. One of the 3 inputs can be configured as analogue for the connection of NTC temperature probes (see eelectron probes code TS00A01ACC / TS00B01ACC) with which to send the temperature measurement on the bus or manage a complete thermostat module. The thermostat manages 2 stages with an integrated PI controller for controlling heating and cooling equipment, valves, 2 and 4-pipe fan coils, etc. The humidity sensor manages the measurement of the ambient relative humidity and allows the control with thresholds and hysteresis of humidification and dehumidification equipments. 12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators. The device also integrates the "Virtual Holder Logic"; the field of application is the hotel room: through a magnetic sensor installed on the door and connected to a digital input (also to the sensor itself), accurate presence information is managed. The presence detection solution can deduce the presence of people in the room using one or more dedicated sensors. It also detects an unexpected presence and is able to differentiate more behaviors. The device manages the ambient lighting based on the measured illuminance; it is also possible to enable the logic called "Circadian Rhythm" with which brightness and color temperature are imposed on the basis of predefined curves or on the basis of the real position of the sun during the day with respect to a terrestrial coordinate.

To further integrate presence detection, the **Utilization function** can enable functionalities for mapping space status and related usage/availability i.e. space occupancy and % of utilization rates and can be used to create dashboards, analytics, etc. Moreover, the integrated **Occupancy function** detects useful data for the processing of information related to the intensity of the activity of occupants within the monitored areas allowing the generation of a "heat map" of the building areas.



BASIC - STANDARD - MULTI - SPACE			
h	A	B	C
2.5 m	3.8 m	7.0 m	10.0 m
3.0 m	4.0 m	8.0 m	12.0 m
3.5 m	5.0 m	9.0 m	13.0 m
4.0 m	6.0 m	11.0 m	14.0 m

- A | Person working at the desk
- B | Person moving towards the sensor
- C | Person moving sideways with respect to the sensor

Technical Features

Mechanical data	<ul style="list-style-type: none"> • Dimensions: Ø x H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> • Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> • Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> • For free potential contacts (dry contacts) • Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	For NTC temperature probe eelectron code: <ul style="list-style-type: none"> • TS01A01ACC (range from -20°C to +100°C) • TS01B01ACC (range from -50°C to +60°C) • TS01D01ACC (range from -40°C to 125°C) • Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

PD00E03KNX

KNX Presence detector Space - lighting control, temperature, humidity, sound sensor, utilization range and occupancy

PD00E03KNX-3

KNX Presence detector Space - lighting control, temperature, humidity, sound sensor, utilization range and occupancy - Black

PD00E00ACC

Surface mounting enclosure

PD00E00ACC-3

Surface mounting enclosure - Black

PD00E01ACC

Box mounting frame

SM03E01ACC

Slave sensor CO₂ + Temperature

SM03E01ACC-3

Slave sensor CO₂ + Temperature - Black

PD00E03ACC

Swiss box mounting frame - White

PD00E03ACC-3

Swiss box mounting frame - Black

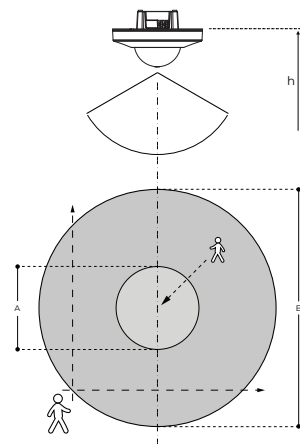
KNX Wide Range Presence Detector

WITH LIGHTING CONTROL

The device KNX Wide Range (PD00E20KNX) is an extended range presence and motion sensor suitable for use in indoor environments where a wide range coverage is required. It is equipped with a rear connector with 2 digital inputs that can be connected to potential-free buttons or switches and used for on / off, dimming, rolling shutters or blinds / scenarios, sequences, step-by-step commands, etc. The second input can be configured as analog for the connection of NTC temperature probes (see probes eelectron code TS00A01ACC / TS00B01ACC) to send the temperature measurement on the bus or manage a complete thermostat module. The thermostat manages 2 stages with integrated PI controller for driving heating and cooling equipment, valves, 2 and 4 pipe fan coils, etc.

Presence detection, based on a passive infrared sensor, has 5 independently configurable channels with different functions that can be activated: presence with or without brightness control and with automatic or semi-automatic detection; constant brightness independent or presence dependent with automatic or semi-automatic activation. The PD00E20KNX Wide Range sensor uses 3 distinct sensing elements; by means of the ETS parameterization it is possible to assign different behaviors to the different elements.

Moreover, 12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators; It's possible to use predefined algorithms as proportional controls of temperature and humidity or dew point calculation. The device also integrates the "Virtual Holder Logic" and it is also possible to enable the logic called "Circadian Rhythm".



A	h = 2.5 m	B	h = 2.5 m
	ø = 7 m		ø = 24 m

A | Person working at the desk
B | Person moving towards the sensor

Technical Features

Mechanical data	<ul style="list-style-type: none"> Dimensions: Ø x H 105 x 66.5 mm
Mounting	<ul style="list-style-type: none"> Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> For free potential contacts (dry contacts) Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	<p>For NTC temperature probe eelectron code:</p> <ul style="list-style-type: none"> TS01A01ACC (range from -20°C to +100°C) TS01B01ACC (range from -50°C to +60°C) TS01D01ACC (range from -40°C to 125°C) Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

- PD00E20KNX**
KNX Wide Range Presence detector - lighting control
- PD00E20KNX-3**
KNX Wide Range Presence detector - lighting control - Black
- PD00E00ACC**
Surface mounting enclosure
- PD00E00ACC-3**
Surface mounting enclosure - Black
- PD00E01ACC**
Box mounting frame
- SM03E01ACC**
Slave sensor CO₂ + Temperature
- SM03E01ACC-3**
Slave sensor CO₂ + Temperature - Black
- PD00E03ACC**
Swiss box mounting frame - White
- PD00E03ACC-3**
Swiss box mounting frame - Black

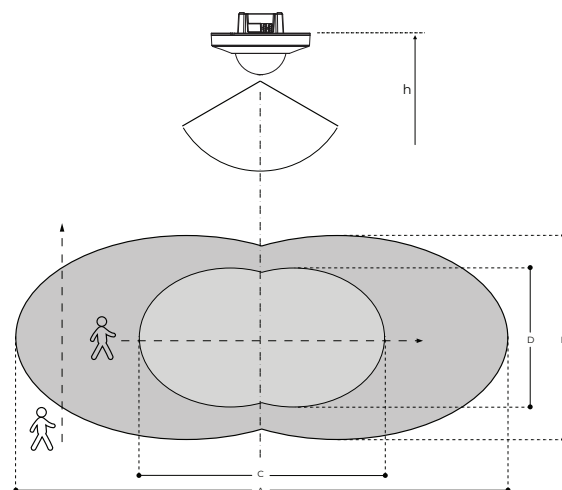
KNX Corridor Presence Detector

WITH LIGHTING CONTROL

The device KNX Corridor (PD00E21KNX) is an extended range presence and motion sensor for corridors suitable for use in indoor environments where a wide range coverage is required. It is equipped with a rear connector with 2 digital inputs that can be connected to potential-free buttons or switches and used for on / off, dimming, rolling shutters or blinds/scenarios, sequences, step-by-step commands, etc. The second input can be configured as analog for the connection of NTC temperature probes (see probes eelectron code TS00A01ACC / TS00B01ACC) to send the temperature measurement on the bus or manage a complete thermostat module. The thermostat manages 2 stages with integrated PI controller for driving heating and cooling equipment, valves, 2 and 4 pipe fan coils, etc.

Presence detection, based on a passive infrared sensor, has 5 independently configurable channels with different functions that can be activated: presence with or without brightness control and with automatic or semi-automatic detection; constant brightness independent or presence dependent with automatic or semi-automatic activation. The PD00E21KNX Wide Range sensor uses 2 distinct sensing elements; by means of the ETS parameterization it is possible to assign different behaviors to the different elements.

Moreover, 12 logic blocks are available to implement simple expressions with logical or threshold operator or complex expressions with algebraic and conditional operators; It's possible to use predefined algorithms as proportional controls of temperature and humidity or dew point calculation. The device also integrates the "Virtual Holder Logic" and it is also possible to enable the logic called "Circadian Rhythm".



A	40 m	B	5 m
h	2.5 m	h	2.5 m
C	16 m	D	3 m
h	2.5 m	h	2.5 m

Technical Features

Mechanical data	<ul style="list-style-type: none"> Dimensions: Ø × H 105 x 66.5 mm
Mounting	<ul style="list-style-type: none"> Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> Via bus EIB/KNX cable: 21 ÷ 32 Vdc
Input - digital mode	<ul style="list-style-type: none"> For free potential contacts (dry contacts) Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	<p>For NTC temperature probe eelectron code:</p> <ul style="list-style-type: none"> TS01A01ACC (range from -20°C to +100°C) TS01B01ACC (range from -50°C to +60°C) TS01D01ACC (range from -40°C to 125°C) Max. length of Connecting Cable: ≤ 30 m (twisted cable)

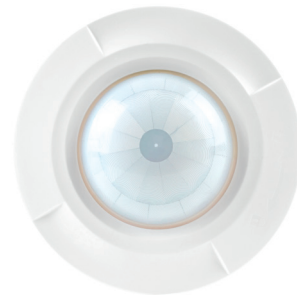
Order Codes

- PD00E21KNX**
KNX Corridor Presence detector - lighting control
- PD00E21KNX-3**
KNX Corridor Presence detector - lighting control - Black
- PD00E00ACC**
Surface mounting enclosure
- PD00E00ACC-3**
Surface mounting enclosure - Black
- PD00E01ACC**
Box mounting frame
- SM03E01ACC**
Slave sensor CO₂ + Temperature
- SM03E01ACC-3**
Slave sensor CO₂ + Temperature - Black
- PD00E03ACC**
Swiss box mounting frame - White
- PD00E03ACC-3**
Swiss box mounting frame - Black

Conventional Presence Detector

2 CH. CEILING MOUNTING PIR DETECTOR

The device is a ceiling flush mount PIR detector. The load will be switched on automatically when the movement is detected and the ambient light level is below the Lux setting value. Until there is no movement detected and the pre-set delay time has been expired, load will be switched off automatically. User can pre-set the desired Lux and Time values by VR or IR setting for automatic control lighting on / off with low initial cost and great energy saving potential. Can also be used in many different places for automation control. It can be widely used in home, office, conference room, classrooms, hotel, corridor, underground parking lots, etc.



Technical Features

Mechanical data	<ul style="list-style-type: none"> • Dimensions: (H x W x D): 64x80x80 mm
Mounting	<ul style="list-style-type: none"> • Ceiling mounting, surface installation
Range	<ul style="list-style-type: none"> • Up to Ø12 m at height of 2.5 m • Operating temperature: 20° C to +50° C
Output rate CH1 - for lighting	<ul style="list-style-type: none"> • Incandescent Lamp: Max. 2000 W • AC Halogen Lamp: Max. 1000 W • LV Halogen Lamp: Max. 1000 VA / 600 W (traditional Max. 1000VA / 900 W (electronics)) • Fluorescent Lamp: <ul style="list-style-type: none"> - Max. 1000 VA / 600 W (uncompensated) - Max. 900 VA / 100 µF - 25 x (1 x 18 W); 12 x (2 x 18 W); - 15 x (1 x 36 W); 7 x (2 x 36 W); - 10 x (1 x 58 W); 5 x (2 x 58 W) • LED Lamp : Max. 400 W • Energy Saving Lamp: Max. 600 VA / 400 W (include CFL and PL lamp)
Output rate CH2 - for Automation Control	<ul style="list-style-type: none"> • (Lux is invalid): <ul style="list-style-type: none"> - Max. 5 A (cos ϕ = 1) for 250 Vac - Max. 5 A for 30 Vdc - Max. 1 A (cos ϕ = 0.4) for 250 Vac

Order Codes

PD02X01CON

2 Ch. ceiling mounting PIR detector
230V AC – ø 12m

PD02X01ACC

Surface mounting enclosure

PD02X02CON

2 Ch. ceiling mounting PIR detector
230V AC – ø 24 m

Plug In Sensor CO₂ + Temperature

The code SM03E01ACC identifies the accessory of the devices code: PD00E02KNX – KNX MULTI presence detector – lighting, temperature, humidity, sound. PD00E03KNX – KNX Space presence detector- lighting, temperature, humidity, sound , occupancy and utilization.

PD00E20KNX – wide range presence detector with lighting control.

PD00E21KNX – presence detector for corridor with lighting control.

This accessory includes a temperature probe (range from -5 ° C to +50 ° C) and a CO₂ sensor.



Technical Features

Mechanical data	<ul style="list-style-type: none"> • Dimensions: Ø × H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> • Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> • Aux supply: 9 ÷ 32 Vdc 9 ÷ 24 Vac
Input - digital mode	<ul style="list-style-type: none"> • For free potential contacts (dry contacts) • Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	<p>For NTC temperature probe eelectron code:</p> <ul style="list-style-type: none"> • TS01A01ACC (range from -20°C to +100°C) • TS01B01ACC (range from -50°C to +60°C) • TS01D01ACC (range from -40°C to 125°C) • Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

SM03E01ACC

Slave sensor CO₂ + Temperature

SM03E01ACC-3

Slave sensor CO₂ + Temperature - Black

PD00E00ACC

Surface mounting enclosure

PD00E00ACC-3

Surface mounting enclosure - Black

PD00E01ACC

Box mounting frame

PD00E03ACC

Swiss box mounting frame - White

PD00E03ACC-3

Swiss box mounting frame - Black

Plug In Sensor VOC + CO₂ + eCO₂ + Temperature

The code SM03E02ACC identifies the accessory of the devices code: PD00E02KNX – KNX MULTI presence detector – lighting, temperature, humidity, sound. PD00E03KNX – KNX Space presence detector- lighting, temperature, humidity, sound , occupancy and utilization.

PD00E20KNX – wide range presence detector with lighting control.

PD00E21KNX – presence detector for corridor with lighting control.

This accessory includes a temperature probe (range from -5 ° C to + 50 ° C) and a CO2 sensor.



Technical Features

Mechanical data	<ul style="list-style-type: none"> • Dimensions: Ø x H 81 x 37 mm
Mounting	<ul style="list-style-type: none"> • Ceiling mounting, flush-mounted, surface installation
Supply	<ul style="list-style-type: none"> • Aux supply: 9 ÷ 32 Vdc 9 ÷ 24 Vac
Input - digital mode	<ul style="list-style-type: none"> • For free potential contacts (dry contacts) • Max. length of Connecting Cables ≤ 30 m (twisted cable)
Input - analog mode for temperature probe	<p>For NTC temperature probe eelectron code:</p> <ul style="list-style-type: none"> • TS01A01ACC (range from -20°C to +100°C) • TS01B01ACC (range from -50°C to +60°C) • TS01D01ACC (range from -40°C to 125°C) • Max. length of Connecting Cable: ≤ 30 m (twisted cable)

Order Codes

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