

Product data sheet

Presence detector



Reference number

3361-1 AL

Presence detector
with integrated BCU

ETS product family: Physical sensors

Product type: Movement

Intended use

- Requirement-oriented control of lighting, room thermostats and other electrical loads in interior rooms
- Ceiling mounting on fixed ceilings in appliance box according to DIN 49073 or surface-mounted housing ref.-no.: PM-KAPPE-1 or PM-KAPPE AL-1

Product characteristics

- Integrated bus coupling unit
- 3 PIR sensors
- Detection field 360°
- Integrated brightness sensor
- Deployed as presence detector, motion detector, or for alert operation
- Output functions: Switching, staircase function, switching with forced position, value transmitter, light scene extension, operating mode setting for room temperature controller
- Extension of the detection area by way of operating several devices as main unit or extension unit
- Adjuster for manual adjustment of sensitivity
- Status LED: Flashes during motion detection; depending on programming in normal operation or only during the walking test mode

Additional characteristics of "Universal" version:

- Manual operation with IR remote control possible (ref.-no.: KNX PM FB IR)
- 5 function blocks for motion detection each with 2 outputs
- Function blocks switchable, e.g. for day/night operation
- PIR sensors can be evaluated separately
- Brightness sensor function with 3 limiting values
- Light control with max. 3 channels, setpoint shift in operation, separate configuration of dimming-up, control and dimming-down phase
- Light control can be combined with presence detector function

Presence detector function:

- Detection of the smallest motions e.g. at a workplace for detecting the presence of persons
- Switch on: Motion detection and brightness threshold not reached
- Switch off: No motion in the detection field and shut-off delay elapsed or brightness threshold exceeded

Motion detector function:

- Motion detection for passageways in buildings
- Switch on: Motion detection and brightness threshold not reached
- Switch off: No motion in the detection field and shut-off delay elapsed or brightness threshold exceeded

After reacting and switching on, the motion detection works independently of the brightness.

Signalling mode:

- Brightness-independent detection of motions in the detection field
- Switch on: After detection of an adjustable number of motions within the set monitoring period
- Switch off: No motion in the detection field and shut-off delay elapsed

Accessories:

protection cage ref.-no.: SK 180-90 WW

Accessories:

surface-mounted housing ref.-no.: PM-KAPPE-1, PM-KAPPE AL-1

Technical data

| | |
|--------------------------------|--------------------------------------|
| KNX medium: | TP 256 |
| Rated voltage KNX: | DC 21 ... 32 V SELV |
| Current consumption KNX: | max. 12.5 mA |
| Connection bus: | terminal |
| Ambient temperature: | -5 ... +45 °C |
| Storage/transport temperature: | -25 ... +70 °C |
| Relative humidity: | 5 ... 93 % (no condensation) |
| Protection class: | III |
| Detection angle: | 360° |
| Range: | Ø approx. 20 m (mounting height 3 m) |
| Brightness sensor | |
| Measuring range: | 0 ... 2,000 lx |
| Detection range: | Ø 2 m |

Universal

Colour:

aluminium (lacquered)