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**Motion detector top unit 2.20 m Standard for KNX System 55**




| Specification | Order No. | Packing unit | PS | EAN |
|---|---|---|---|---|
| cream white glossy | 2041 01 | 1/5 | | 4010337027010 |
| pure white glossy | 2041 03 | 1/5 | | 4010337027027 |
| colour aluminium (lacquered) | 2041 26 | 1/5 | | 4010337027058 |
| pure white matt | 2041 27 | 1/5 | | 4010337027034 |
| anthracite | 2041 28 | 1/5 | | 4010337027041 |
| black matt (lacquered) | 2041 005 | 1/5 | | 4010337037194 |
| grey matt (lacquered) | 2041 015 | 1/5 | | 4010337082972 |
| stainless steel (lacquered) | 2041 600 | 1/5 | | 4010337033035 |

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**Features**

- Installation on bus coupler 3.
- Configurable for motion detection (sentinel application) or for room monitoring (detector application).
- Evaluation of brightness during active motion detection in sentinel mode. Switching off lights when brightness threshold is exceeded.
- Configurable number of motion impulses within one monitoring time in detection mode.
- Digital motion detection via 2 PIR sensors.
- Sensitivity of motion detection can be parameterised separately in steps for the PIR sectors.
- Integrated brightness sensor for determining ambient brightness.
- Adjustment of sensitivity via a dial on the device.
- Indication of motion detection (permanent or only during walking test).
- One function block can be configured.
- Function block for the "sentinel", "sentinel with switch-off brightness" or "detector" application configurable.
- Two output communication objects are available to the function block which are transmitted to the KNX via the switching and control commands.
- Configurable functions: switching, staircase function, dimming value transmitter, scene auxiliary unit, temperature value transmitter, brightness value transmitter, operating mode changeover, switching with forced setting.
- Switchover of the operating mode (OFF / AUTO / ON) during ongoing operation through local operation or via communication object through local operation at other motion detectors for KNX using pushbutton sensor for KNX or visualisation.
- In brightness-independent operation, the function block can determine the time span after a previous movement and transmit it to the KNX via a communication object. This function allows for simple monitoring of movements,for example of persons in assisted living residences or in a retirement home.
- Functionality of motion detection adjustable for the "sentinel" or "sentinel with switch-off brightness" application.
- For the "sentinel" or "sentinel with switch-off brightness" applications, the device can be used as a single device, main unit or auxiliary unit.
- Walking test function to help in planning and adjusting the PIR detection range.

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**Technical data**

| | |
|---|---|
| KNX medium: | TP256 |
| Mounting height up to 2.20 m | |
| - Range of detection forwards: | Max. 15 m |
| - Range to each side: | Max. 10 m |
| Mounting height up to 1.10 m | |
| - Range of detection forwards: | Max. 10 m |
| - Range to each side: | Max. 9 m |
| Angle of detection: | 180° |
| Brightness sensor | |
| - Measurement range: | approx. 1 to 1000 lx |
| Protection class | |
| - System 55, System 70: | IP20 |
| - TX_44: | IP44 |
| Ambient temperature: | -25 °C to +55 °C |

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**Notes**

- The motion detector is not suitable for alarm messages in VdS-compliant alarm systems.
- Also suitable for mounting height of 1.10 m (reduced detection range).

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