GIRA Data sheet

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Motion detector top unit 2.20 m Standard for KNX System 55



Specification	Order No.	Packing unit	GBP/piece without VAT	PS	EAN
 cream white glossy	2041 01	1/5	120.22	06	4010337027010
 pure white glossy	2041 03	1/5	120.22	06	4010337027027
 colour aluminium (lacquered)	2041 26	1/5	126.54	06	4010337027058
 pure white matt	2041 27	1/5	120.22	06	4010337027034
 anthracite	2041 28	1/5	122.74	06	4010337027041
 black matt (lacquered)	2041 005	1/5	126.54	06	4010337037194
 grey matt (lacquered)	2041 015	1/5	126.54	06	4010337082972
 stainless steel (lacquered)	2041 600	1/5	133.58	06	4010337033035

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Prices valid for United Kingdom with prices valid 01/26.

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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.

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

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).
