Gira G1 temperature sensor module
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GIRA

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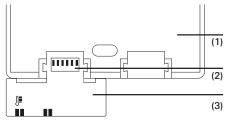
Security instructions

Electrical devices may only be installed by a qualified electrician.

ℹ️ Temperature detection via the temperature sensor module is only supported in the Gira G1 from index status I09.

Device description

The Gira G1 temperature sensor module is an additional device for the Gira G1. It serves to measure the room temperature. The Gira G1 temperature sensor module is only suitable for use indoors.

Fig. 1: Structure of Gira G1 temperature sensor module

(1) Holding frame of Gira G1
(2) 6-pole spring contact
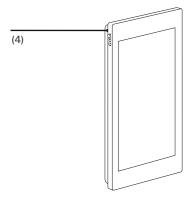(3) Measuring element

Mounting the module

Selecting installation site

At an incorrectly selected installation site, the Gira G1 temperature sensor module will measure the room temperature incorrectly.

- Avoid an installation site that has a draught (e. g. between a window and a door).
- Avoid direct proximity with heaters and windows.
- Never cover the Gira G1 temperature sensor module (e.g. curtain).

Unlocking and opening the Gira G1

Fig. 2: Unlocking Display module

1 Guide unlocking tool or thin screwdriver into the unlocking opening (4) using slight pressure.
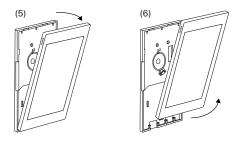✓ The Display module is unlocked.

Fig.3: Removing Display module

2 Pull Display module forward on the top side using force (5).
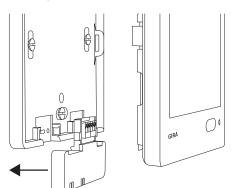3 Remove Gira G1 (6).

Inserting temperature sensor module

Fig. 4: Inserting temperature sensor module

4 Remove blind plug to the left under the holding frame.
5 Attach temperature sensor module with the 6-pole spring contact at the former position of the blind plug in the holding frame. The 6-pole spring contact must be visible in the process.
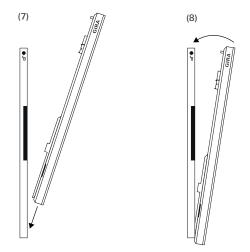
Swivelling in the Display module

Fig. 5: Swivelling in the Display module

6 Insert Display module in the guide element of the holding frame (7).
7 Swivel Display module above (8).
✓ The Display module engages with the snap-in points and the holding frame.

ℹ️ The Gira G1 has not correctly engaged until the latch in the unlocking opening has fallen back into its end position.

Calibrate sensor

Preparation

- The "Internal sensor" setting must be activated in the ETS for the parameter "Sensor selection".
- The Gira G1 temperature sensor module must rest for at least 60 minutes after the voltage has been activated before the calibration can be carried out.
- The room in which the Gira G1 temperature sensor modulel is installed must have no draught or temperature fluctuations during this time.
- Now measure the room temperature with a precise thermometer at a distance of at least 20 cm from the wall.
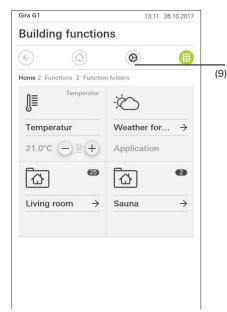
Execution

Fig. 6: Opening view [system menu]

1 Touch the **[System menu] button** (9) in the Gira G1.
✓ The **[System menu] view** is opened.
2 Touch **[System]**.
✓ The **[System] view** is opened.

Fig. 7:   View [System]

3 Touch **[Calibrate sensor]**.
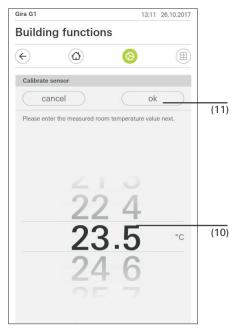✓ The **[Calibrate sensor**] view is opened.

Fig. 8: [Calibrate sensor] view

4 Enter the measured room temperature (10).
5 Touch **[ok]** (11).
✓ The **[System] view** is opened.
✓ The Gira G1 then progressively adjusts the measured value.
This process may take up to 20 minutes. No specific message is displayed when the calibration is complete. Please do not carry out any further calibrations during the 20-minute waiting time as this can cause problems.

Technical data

Protection class:	IP 20
Dimensions (W x H x D):	44 x 11 x 6 mm
Measuring accuracy:	± 0.5 K
Ambient temperature:	0 °C to +45 °C
Storage and transport temperature:	−20 °C to +70 °C
Relative humidity:	max. 95 % R. H., no condensation

Warranty

The warranty is provided in accordance with statutory requirements via the retailer.

Please submit or send faulty devices postage paid and with an error description to your sales representative (retailer / installation company / electrical contractor).

They will forward the devices to the Gira Service Centre.