

| Order no. | Packing unit | PS |
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Gira SmartSensor



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|------------------|-----------------|---|----|
| pure white | 1246 661 | 1 | 06 |
| anthracite | 1246 671 | 1 | 06 |
| colour aluminium | 1246 651 | 1 | 06 |

The Gira SmartSensor represents a flexible operating unit for an Instabus-based network. It combines functions of a push button sensor, a room temperature controller and an info display. The SmartSensor is equipped with a display, an operating button and four rockers. Turning the operating button navigates through the various functions shown on the display. The menu and function selection is confirmed by gently pressing on the operating button. The 4 rockers can be used directly to actuate frequently used functions.

General information

- EIB-based operating device configurable via the ETS2 Version 1.3 and ETS3 Professional for the convenient operation and display of room functions
- White back-lit graphics-capable LC display, 4 lines with 22 characters each
- Display texts freely selectable
- Integration of graphics, e.g. company logos, on display level 0
- Display of ASCII texts transmitted via the Instabus EIB
- 4 rockers with 2 buttons each for calling up room functions including integrated status display (orange LED per button)
- Integrated room temperature sensor and controller
- Master function: If the SmartSensor is in the Standby mode, a room function (switching, value transmitter) can be triggered by pressing the operating button
- Various symbols for temperature and fan control are integrated
- Password protection is possible
- 12 alarm messages can be output and supported with an acoustic signal
- The tone and volume of 3 different acoustic signals can be set to distinguish signals or alarms
- Display and support of 2 languages; switchover is carried out via a communication object or directly on the SmartSensor
- Dynamic memory management
- Flush-mounted installation in a common 2-gang box
- Power supply AC/DC 24 V or DC 30 V (e.g. via the two wire pairs of the EIB cable)
- 113 group addresses and 200 communication connections can be edited
- The corresponding flush-mounted 2-gang bus coupler EIB is included in the delivery

Software settings

- Alarm message after removal of the flush-mounted 2-gang bus coupler (1 bit or 1 byte telegram)
- Free allocation of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit and room temperature controller operation
- Lighted operating button can be controlled via object
- Blocker for blocking individual buttons or rockers
- Contrast adjustable via object
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set

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- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Operating modes: heating, cooling or heating and cooling
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)
- Correcting variable objects can be inverted if necessary
- Message objects for heating and cooling
- Object for controller status
- Preset control parameters for common radiators/cooling units
- Separate window contact object
- Integrated scene memory for 8 scenes with a maximum of 12 outputs. The functions switching, value transmitter and blind are supported. The scenes can be set and changed on the SmartSensor by the user. Each scene can also be called up via a 1 bit object.
- Menu structures on 2 levels. 12 lines can be integrated per level (12 x 12 = 144 lines)
- Password can be changed via object
- Password protection can be deactivated via object
- A maximum of 4 logical connecting blocks (AND, OR, EXOR) can be configured. A maximum of 8 inputs and 1 output are available for a logic gate.

Can be lit in accordance with the workplace ordinance.

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| Operating voltage: | AC/DC 24 V or DC 30 V, e.g. non-choked output of Instabus power supply |
| Connections: | Instabus via connection and branch terminal 0595 00 |
| Protection type: | IP 20 |
| Dimensions: | without operating button: W x H x D 93 x 170 x 17 mm with operating button: W x H x D 93 x 170 x 30 mm |
| Installation boxes, flush-mounted: | 2-gang device junction box Kaiser Order No. 1656-02 |
| Hollow wall: | 2-gang device junction box Kaiser Order No. 9062-02 Kaiser Order No. 9062-77 (halogen-free) |
| Concrete: | B2 universal box Spelsberg Order No. 974,002 01 plus 2x installation bridge Spelsberg Order No. 974,120 01 plus 4x screws Spelsberg Order No. 974 130 01 |

Instabus connection and branch terminal 0595 00 → Page 377.
Instabus power supply 1086 00, 1087 00 → Page 354.