The picture of device is illustrative, the icons (symbols) are configurable by the customer.

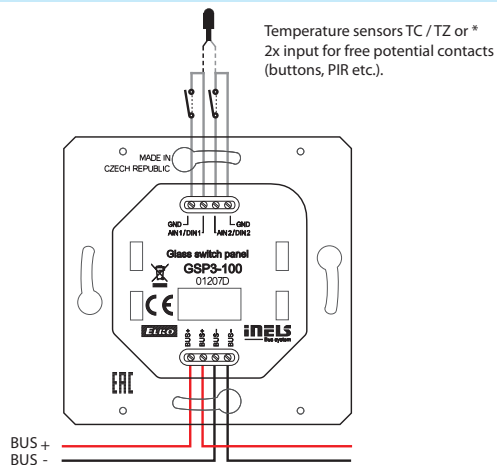| Technical parameters | GSP3-100 |
|---|---|
| **Inputs** | |
| Temperature measuring: | YES, built-in temperature sensor |
| Scope and accuracy of temp. measurement: | 0.. +55°C; 0.3°C from the range |
| Inputs: | 2x AIN/DIN |
| Resolution: | by setting 10-bit |
| External temperature sensor: | YES, the connection between AIN1/DIN1 and AIN2/DIN2 |
| Type of external sensor: | TC/TZ |
| Temperature measurement range: | -20°C to +120°C |
| Temperature measurement accuracy: | 0.5°C from the range |
| **Buttons** | |
| Number of control buttons: | 10 |
| Type: | Capacitive |
| Indication: | Coloured illuminated symbol |
| **Outputs** | |
| Acustic output: | piezo-changer |
| Tactile output: | Vibration motor |
| **Communication** | |
| Installation BUS: | BUS |
| **Power supply** | |
| Supply voltage / tolerance: | 27 V DC, -20 / +10 % |
| Dissipated power: | max. 0.5 W |
| Rated current: | 25-65 mA (at 27V DC), from BUS |
| **Connection** | |
| Terminals: | 0.5 - 1 mm² |
| **Operating conditions** | |
| Relative humidity: | max. 80 % |
| Operating temperature: | -20 .. +55 °C |
| Storing temperature: | -30 .. +70 °C |
| Protection degree: | IP20 |
| Overvoltage category: | II. |
| Pollution degree: | 2 |
| Operation position: | any |
| Installation: | on the wall, observing the conditions for correct installation of the thermostat |
| **Dimensions and weight** | |
| Dimensions: | 142 x 94 x 36 mm |
| Weight: | 208 g |

* The choice is made in iDM3 for each unit separately.

- Glass Touch Panel GSP3-100 is part of a comprehensive iNELS series of units for the management of the hotel rooms (GRMS), but the unit can be used wherever it is required to control multiple devices from one location.
- The iNELS BUS system portfolio includes an innovated range of glass controls with proximity sensors. Regardless of environmental conditions, the controls are able to detect a passing person or hand gestures. Among other things, the new range of units allows you to regulate the backlight level in several stages, which can be used to control the unit mainly at night when the unit switches on the backlight of symbols and does not disturb the others present eg when watching TV or sleeping.
- GSP3-100 is equipped with ten touch buttons whose functions can easily be edited using the software.
- The graphics of individual symbols are possible based on consultations with manufacturers to change and adapt to the requirements of the investor.
- Individual symbols can be any one of seven backlight colours - red, green, blue, yellow, pink, turquoise and white.
- Glass touch panel is a design component of the INELS system and is available in elegant black (GSP3-100/B) and white (GSP3-100/W) versions.
- Compared with standard glass touchscreen controllers with symbols GSB3-20/SB, GSB3-20/SW, GSB3-40/SB, GSB3-40/SW, GSB3-60/SB and GSB3-60/SW the GSP3-100 is one and a half times the width.
- The touch panel is equipped with an integrated temperature sensor. It is also equipped with two analogue-to-digital inputs (AIN/DIN), which can be used to connect two potential free contacts or one external temperature sensor TC / TZ (e.g. For measuring the temperature of the floor).
- The touch panel is also equipped with an ambient light intensity sensor. Based on information from the sensor it can light up indicative illumination symbols or perform various actions with the iDM3 software, e.g. To also switch the lighting circuits in the room.
- Advantages over conventional switches / buttons is saving space, signalling the state of any system output, the ability to measure temperature and an option to connect external pushbuttons or detectors.
- Each button can control any actuator (appliance) in the system. Also, you can assign a different function or macro (set of functions) to each button. It is therefore possible to use one button to control several appliances.
- GSP3-100 is designed for mounting into an installation box.

**Connection**



Temperature sensors TC / TZ or *
2x input for free potential contacts (buttons, PIR etc.).

BUS +
BUS -