

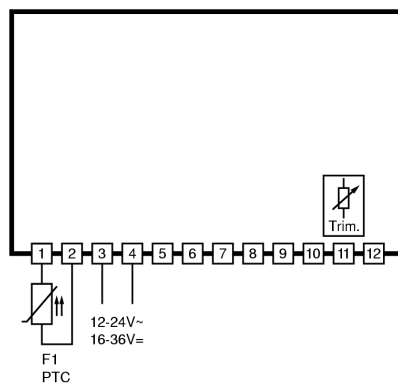
## ST70-01.01

Temperature indicator

Order number 210534



## Wiring diagram



## Product description

The temperature indicator ST70-01.01 is used for the indication and control of a temperature value. Its 3 digit display permits the indication of temperatures between  $-50...105^{\circ}\text{C}$ . The indicator works with 12-24V AC or DC and has screw terminals for the connection of supply voltage and sensor. Any temperature derivations can be adjusted by help of the inserted potentiometer. The front is glued for the protection category of IP63.

**Sensor:** PTC

**Range:**  $-50...105^{\circ}\text{C}$

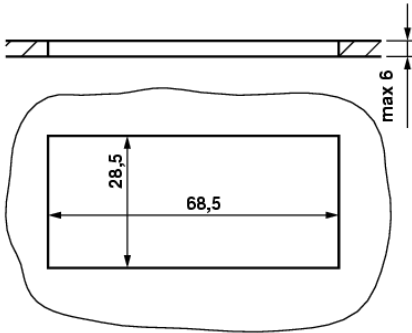
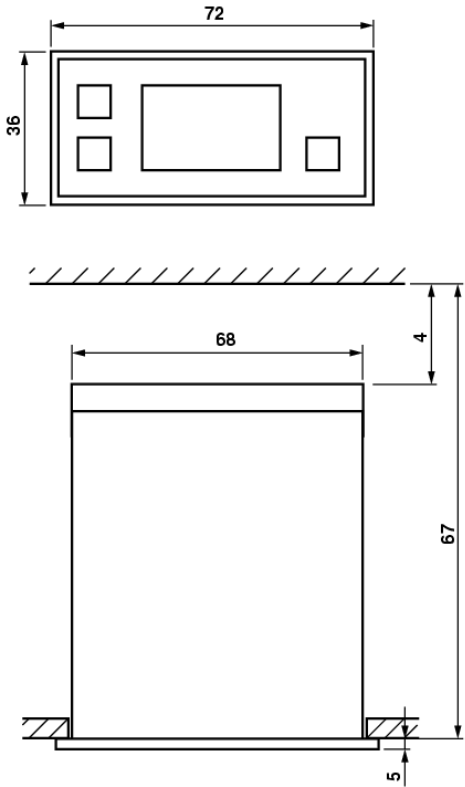
**Front size:** 72mm x 36mm

**Panel cutout:** 68,5mm x 28,5mm

**Enclosure:** front IP63

**Connector:** screw terminals

ST 70 ...



## Technical data of ST70-01.01

### Measuring input

**F1:** Resistance thermometer PTC  
Measuring range: -50...105°C  
Measuring accuracy: +/- 1K

### Actual value correction

Offset adjustment (range -5...+5 K) supported by build-in potentiometer.

### Display

One 3-digit LED Display, height 13 mm, colour red

### Power supply

12...24V AC/DC, ca. 1.5VA

### Connectors

screw terminal for cable up to max. 2.5 mm<sup>2</sup>

### Ambient conditions:

Storage temperature: -20...+70°C  
Operating temperature: 0...+55°C  
Relative humidity: max. 75% without dew

### Enclosure

Front IP63

### Installation data

Front size: 72 x 36 mm  
Panel cut-out: 68.5 x 28.5 mm  
Installation depth: ca. 67 mm with connector  
Mounting: by fixing strap