

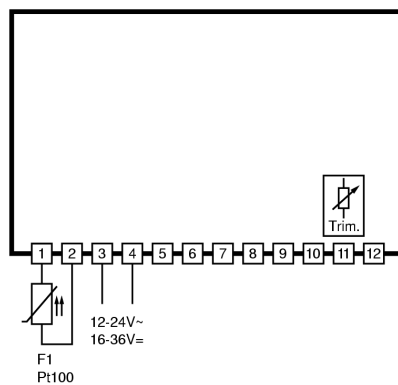
ST70-02.01

Temperature indicator

Order number 202077



Wiring diagram



Product description

The temperature indicator ST70-02.01 is used for the indication and control of a temperature value. Its 4 digit display permits the indication of temperatures between $-99,9\dots199,9^{\circ}\text{C}$. 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.

Sensor: Pt100

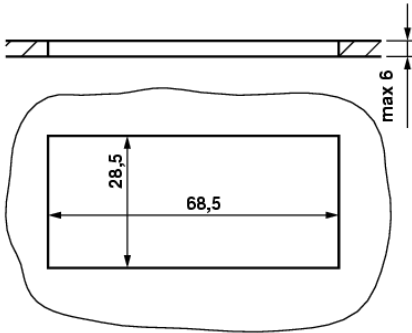
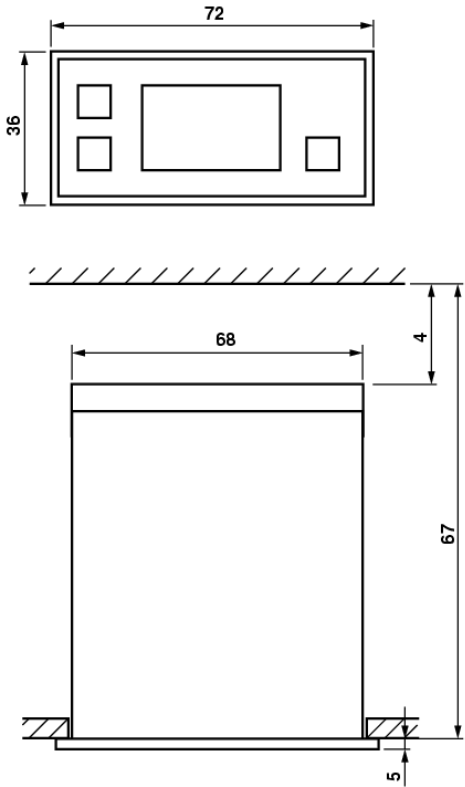
Range: $-99,9\dots199,9^{\circ}\text{C}$

Front size: 72mm x 36mm

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

Connector: screw terminals

ST 70 ...



Technical data of ST70-02.01

Measuring input

F1: Resistance thermometer Pt100-2wire
Measuring range: -99...199,9°C
Measuring accuracy: +/- 0,5K

Actual value correction

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

Display

One 4-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 mm²

Ambient conditions:

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

Enclosure

Front IP50

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