

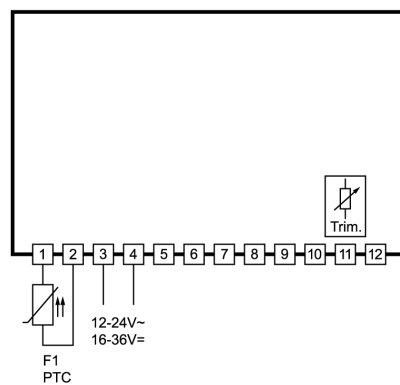
ST70-02.01

Temperature indicator

Order number 300079



Wiring diagram



Product description

The temperature indicator ST70-01.01 is used for the indication and control of a temperature value. Its 4 digit display permits the indication of temperatures between $-49,9...109,9^{\circ}\text{C}$. 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. The front is glued for the protection category of IP63.

Sensor: PTC

Range: $-49,9...109,9^{\circ}\text{C}$

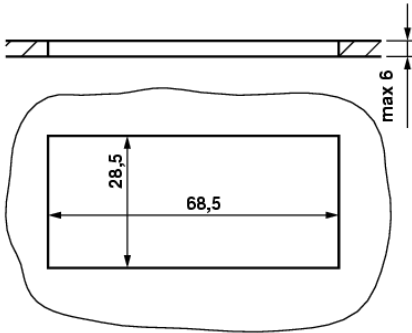
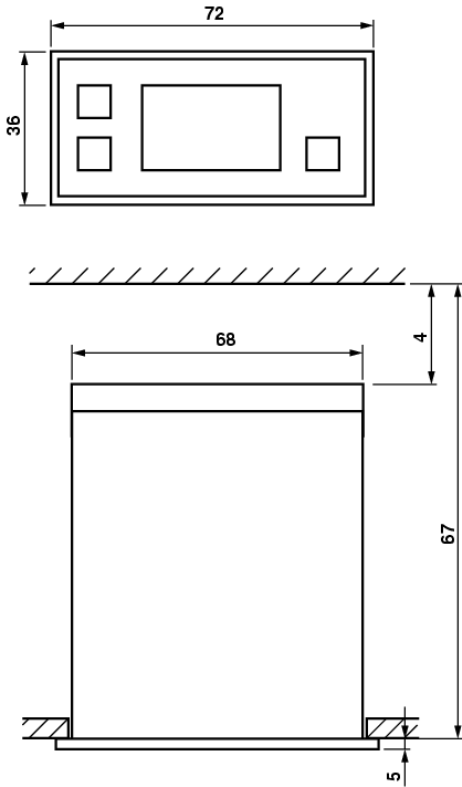
Front size: 72mm x 36mm

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

Enclosure: front IP63

Connector: screw terminals

ST 70 ...



Technical data of ST70-02.01

Measuring input

F1: Resistance thermometer PTC
Measuring range: -49.9...109.9°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 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