

temperature control thermostat TRT TR2/712 EU

Part no. 67609

Temperature control thermostats TRT With capillary tube

benefits

- mechanical temperature controllers
- for controlling and monitoring thermal processes
- ideal for heat and process engineering
- simple, robust design

Application

Mechanical temperature controller and limiter without external power supply. The device is suitable for application areas in the field of heat and process engineering. With the liquid-filled measuring systems and the short response times, the devices lend themselves for controlling thermal processes in appliance engineering, ovens, heating and air conditioning and other industrial or domestic applications.

Description

The temperature measured at the probe causes a change in the volume of the measuring liquid in the probe-capillary system. Electrical switching is triggered by the force acting. A thermowell allows for pressure-tight installation of the probe in various types of pressurised tanks.

Technical Specifications

Type

TR2

Operating range

see ordering table

Tolerance

$\pm 6 \text{ K at } 20 \text{ }^\circ\text{C}$

Influence of ambient temperature

$-0.054 \text{ }^\circ\text{C}/^\circ\text{C}$

Switching differential

$\Delta T 4 \pm 1 \text{ K}$

Adjustment angle

270 °

Probe

Copper
 $\varnothing 6.5 \times 95 \text{ mm}$

Probe element

liquid-filled

Operating temperature range

Probe: max. $130 \text{ }^\circ\text{C}$
 Housing: max. $90 \text{ }^\circ\text{C}$

Capillary tube

Cu capillary tube with PVC coating, black
Length: 1000 mm

Degree of protection

IP 00 (EN 60529)

Time constant

DIN-tested
DIN EN 14597:2012-09
registration number: TR/STB 1211

electrical switching contact

Changeover contact

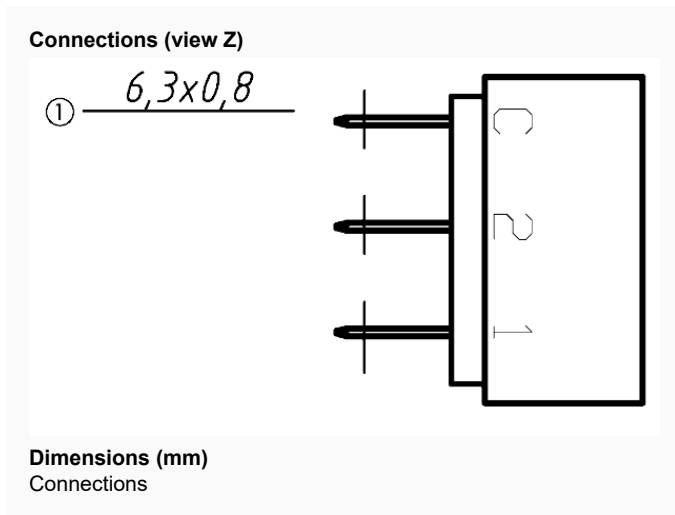
Contact rating

NC: AC 250 V, 16 (6) A
NO: AC 250 V, 6 (4) A

Options

- other operating ranges
- other capillary tube lengths
- customised versions

Technical Drawings



Versions

	Contact	Operating range	capillary length	Part no.
temperature control thermostat TRT TR2/712 EU	Changeover contact	10/200 °C	1000 mm	67609

- in-stock items
- Non-stock items