

temperature control thermostat TRT TR2/711 EU

Part no. 67217X

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: 1500 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

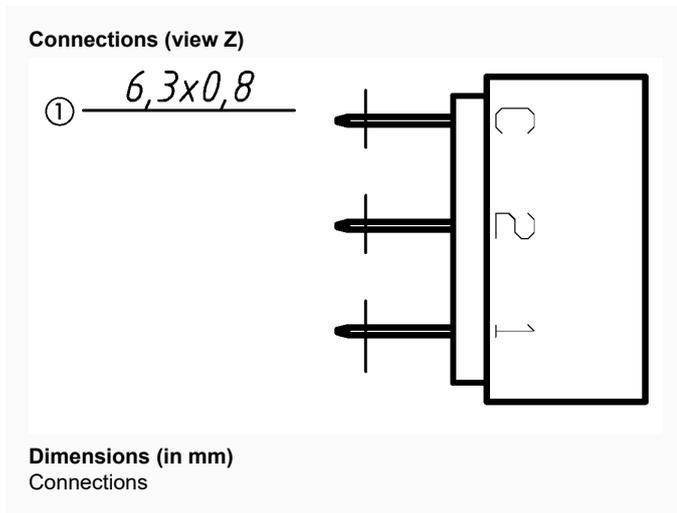
Contact rating

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 TR2/711 EU	Changeover contact	0/90 °C	1500 mm	●	67217X

- in-stock items
- Non-stock items