



thermostat with housing GTK/7RD

Part no. 67421X

thermostats with housing GTK With capillary tube

benefits

- mechanical temperature controller for remote measurement
- for controlling heating and cooling processes
- ideal for heat and process engineering

Application

Mechanical temperature controller and limiter for remote measurement. The device is suitable for application areas in the field of heat and process engineering. Heating and cooling processes in industrial and domestic applications (in particular solar systems) are easy to control and monitor.

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

GTK/TC2

Operating range

0/90 °C

Tolerance

±0.4 %/10 K

Switching differential

ΔT 4 ± 1 K

Setting

External

Probe

Copper
∅ 6.5 x 95 mm

Probe element

liquid-filled

Operating temperature range

Probe: max. 150 °C

Housing: max. 80 °C

Housing

plastic (PVC), grey (RAL 7035)

Cable entry

plastic (PVC), black

M20 x 1.5

Capillary tube

Cu capillary tube with PVC coating, black

Length: 1000 mm

Degree of protection

IP 40 (EN 60529)

Time constant

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

Contact rating

NC: AC 250 V, 10 (2.5) A
 NO: AC 250 V, 6 (2.5) A

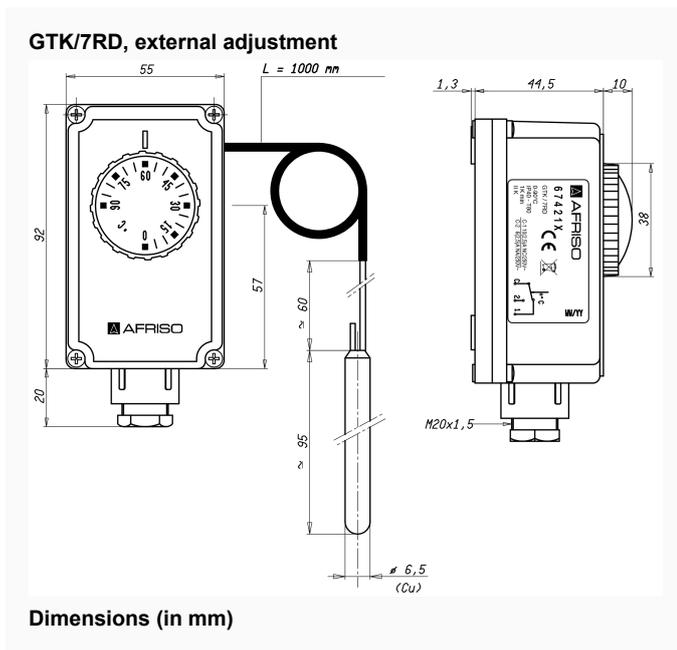
electrical switching contact

Changeover contact

Options

- customised versions

Technical Drawings



Versions

	adjustment	Operating range	Switching point	Switching point	capillary length	Stem length	Part no.
thermostat with housing GTK/7RD	External	0/90 °C			1000 mm	●	67421X

- in-stock items
- Non-stock items