



thermostat with housing GTK/7RD

Part no. 67421X

Capillary type thermostat with housing

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
Ø 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

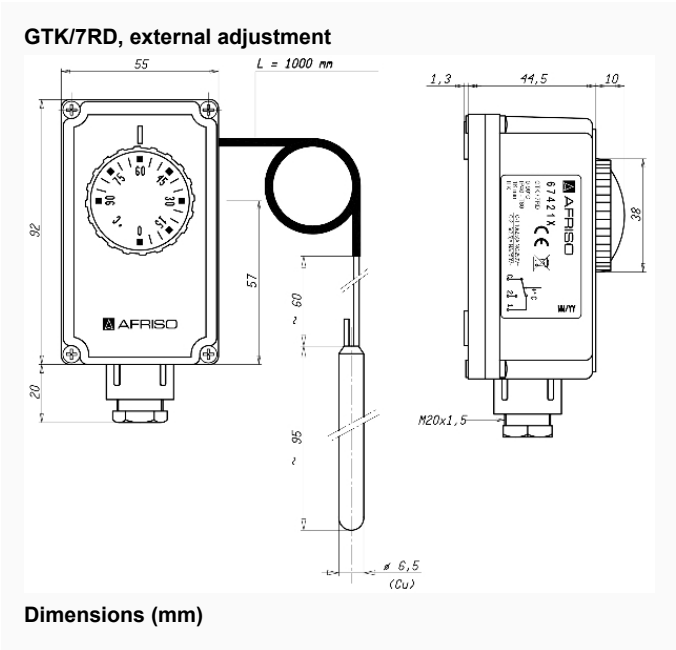
electrical switching contact
Changeover contact

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

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