



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

Tolerance

$\pm 0.4\%$ / 10 K

Switching differential

$\Delta T 4 \pm 1$ K

Setting

External

Probe

Copper

$\varnothing 6.5 \times 95$ 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

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

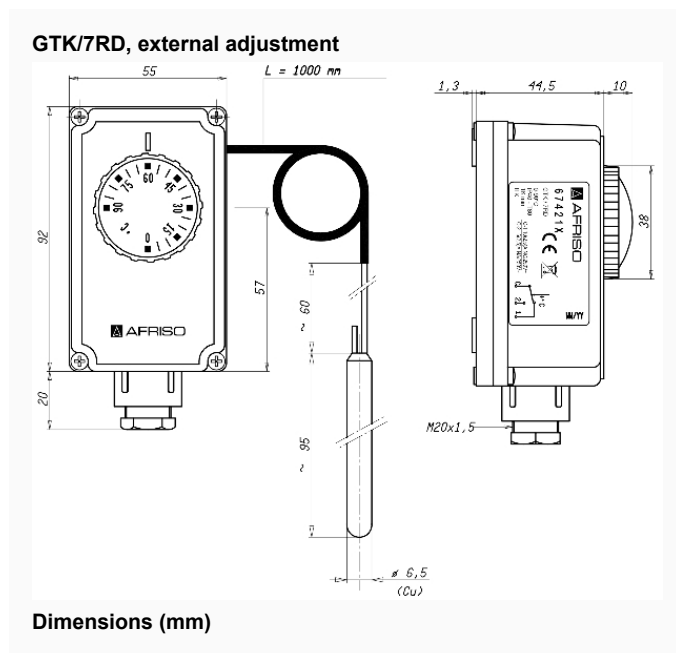
NC: AC 250 V, 10 (2.5) A

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
thermostat with housing GTK/7RD	External	0/90 °C			2000 mm		●	67424X

● in-stock items

● Non-stock items