



## 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

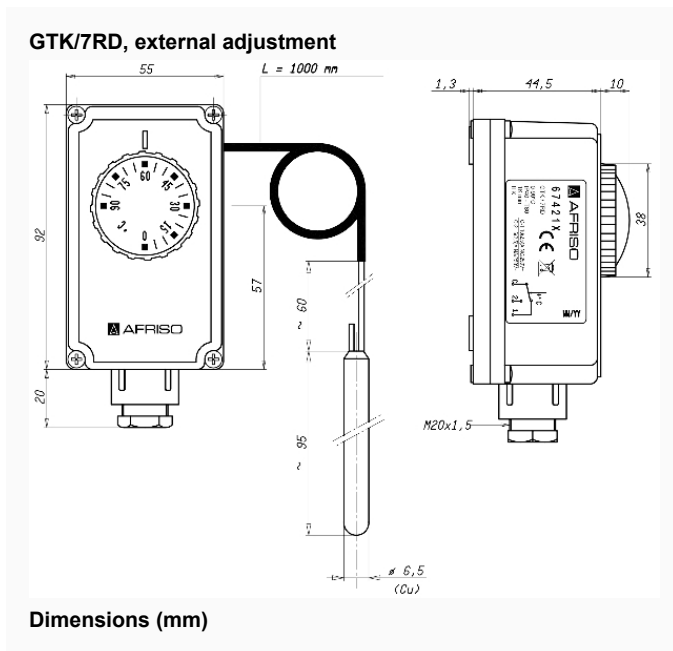
**Contact rating**

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<br>GTK/7RD | External   | 0/90 °C         |                 |                 | 1000 mm          |             | 67421X   |

- in-stock items
- Non-stock items