



## immersion thermostat with housing GTT/7RG

Part no. 67407X

immersion thermostat with housing

### benefits

- mechanical temperature controller
- for controlling heating and cooling processes
- ideal for heat and process engineering
- Control directly at the process

### Application

Mechanical temperature controller and limiter. The device is suitable for application areas in the field of heat and process engineering. Heating and cooling processes in industrial or domestic applications can be controlled directly at the process.

### Description

The temperature measured at the probe causes a change in the volume of the measuring liquid. Electrical switching is triggered by the force acting. The pocket allows for direct installation in pressure-tight tanks.

### Technical Specifications

#### Type

GTT/TC2

#### Operating range

see ordering table

#### Tolerance

$\pm 1$  K at ambient temperature 20 °C

#### Switching differential

$\Delta T 4 \pm 1$  K

#### Setting

GTT/7RG

External

#### Probe element

liquid-filled

#### Pocket

Cu alloy

Connection: 1/2-14 NPT

Diameter:  $\varnothing$  8 mm

Length: 100 mm

#### Operating temperature range

Probe: max. 130 °C

Housing: max. 85 °C

#### Process pressure

max. 4 bar

**Probe**  
Copper

**Housing**  
plastic (PVC), grey (RAL 7035)

**Cable entry**  
plastic (PVC), black  
M20 x 1.5

**Degree of protection**  
IP 40 (EN 60529)

**Options**

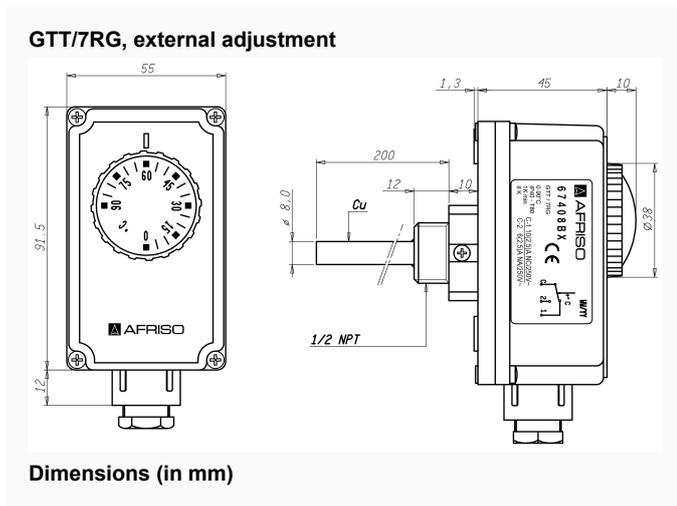
- customised versions

**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

**Technical Drawings**



**Versions**

	adjustment	Operating range	Switching point	Switching point	capillary length	Stem length	Part no.
immersion thermostat with housing GTT/7RG	External	0/90 °C				100 mm	67407X

- in-stock items
- Non-stock items