

## immersion thermostat with housing GTT/7HG

Part no. 67413X

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/7HG

Internal

#### 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)

**Time constant**

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

**electrical switching contact**

Changeover contact

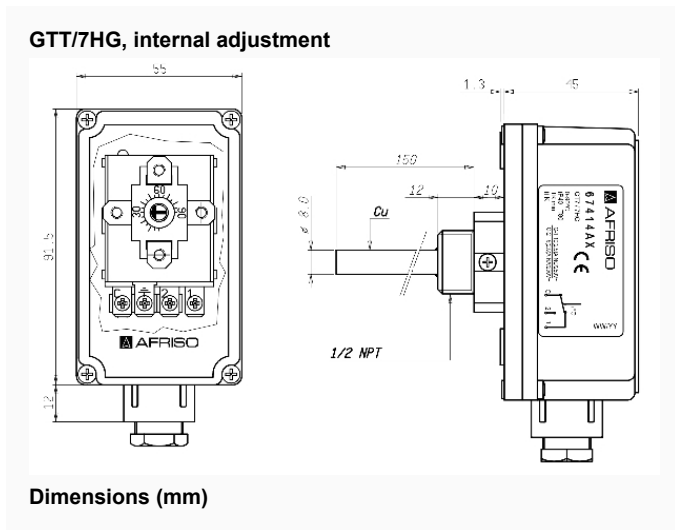
**Contact rating**

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.
immersion thermostat with housing GTT/7HG	Internal	0/90 °C				100 mm	67413X

● in-stock items

● Non-stock items