# 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**
± 1 K at ambient temperature 20 °C

**Switching differential**
ΔT 4 ± 1 K

**Setting**
GTT/7HG
Internal

**Probe element**
liquid-filled

**Pocket**
Cu alloy
Connection: ½-14 NPT
Diameter: ∅ 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

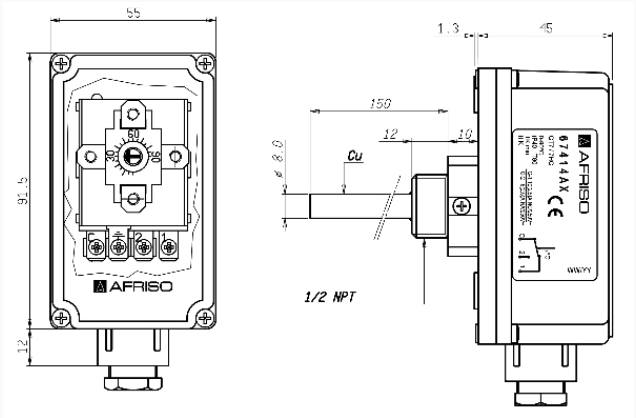
**Contact rating**
NC: AC 250 V, 10 (2.5) A
NO: AC 250 V, 6 (2.5) A

## Options

- customised versions

## Technical Drawings

**GTT/7HG, internal adjustment**




**Dimensions (mm)**

## 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