

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

$\Delta T 4 \pm 1$ K

Setting

GTT/7HG
Internal

Probe element

liquid-filled

Pocket

Cu alloy

Connection: 1/2-14 NPT

Diameter: $\varnothing$ 8 mm

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

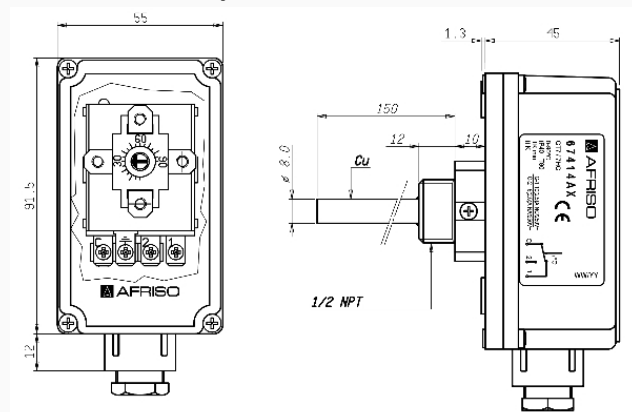
NC: AC 250 V, 10 (2.5) A
NO: AC 250 V, 6 (2.5) A

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
immersion thermostat with housing GTT/7HG	Internal	0/90 °C				200 mm	●	67414BX

● in-stock items

● Non-stock items