



Twin thermostat with housing GDT/8HR

Part no. 67447X

Twin thermostat with housing

benefits

- mechanical temperature controller
- ideal for all heat and process engineering applications
- with integrated safety temperature cut out
- Control directly at the process

Application

Twin thermostat with housing with pocket. Available with two temperature control thermostats (TRT) for controlling heating and cooling processes in industrial and domestic applications. Also available as version with temperature control thermostat (TRT) and safety temperature cut out (STB) with manual reset knob. The device is suitable for application areas in the field of heat and process engineering.

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

GDT/TLSC

Operating range/switching point

see ordering table

Tolerance

TRT: ± 3 K

Switching differential

$\Delta T 4 \pm 1$ K

Setting

GDT/8HR

Internal/external

Probe element

liquid-filled

Pocket

Cu alloy

Connection: $\frac{1}{2}$ -14 NPT

Diameter: $\varnothing$ 16 mm, profile version

Length: 100 mm

Operating temperature range

Probe: max. 125 °C

Housing: max. 80 °C

Process pressure

max. 4 bar

Probe

Copper

Housing

plastic (PVC), grey (RAL 7035)

Cable entry

plastic (PVC), black

M20 x 1.5

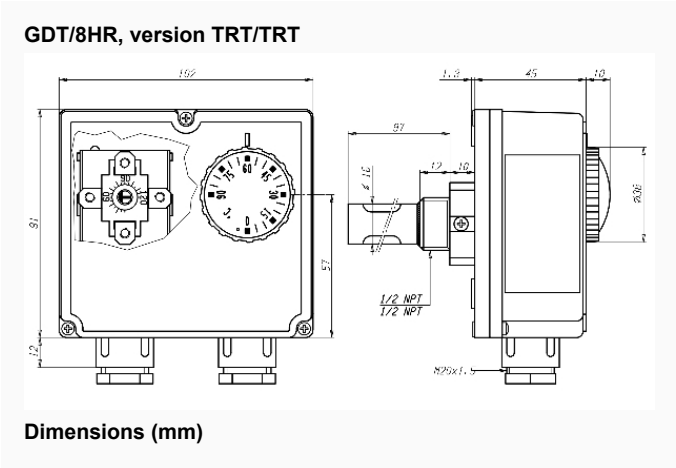
Degree of protection
IP 40 (EN 60529)

Time constant
DIN-tested
DIN EN 14597:2012-09
registration number: TR/STB 1231

electrical switching contact
2 x changeover contact

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

Technical Drawings



Versions

	adjust- ment	Operating range	Operating range	Operating range	Switching point	Switching point	capillary length	Stem length	Part no.
Twin ther- mostat with hou- sing GDT/8HR	Inter- nal/exter- nal		0/90 °C	0/90 °C				100 mm	67447X

- in-stock items
- Non-stock items