



## Twin thermostat with housing GDT/TTCA

**Part no. 67640**

**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

#### Operating range/switching point

see ordering table

#### Tolerance

TRT:  $\pm 3$  K

#### Switching differential

$\Delta T 4 \pm 1$  K

#### Setting

GDT/TTCA  
internal/external

#### Probe element

liquid-filled

#### Pocket

Cu alloy  
Connection:  $\frac{1}{2}$ -14 NPT  
Diameter:  $\varnothing$  16 mm, profile version  
Length: 280 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

**Versions**

|  | adjust-<br>ment             | Operating<br>range | Operating<br>range | Operating<br>range | Switching<br>point | Switching<br>point | capillary<br>length | Stem<br>length | Part no. |
|--|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|----------------|----------|
| Twin ther-<br>mostat<br>with hou-<br>sing<br>GDT/TT-<br>CA | inter-<br>nal/exter-<br>nal |                    | 0/60 °C            | 30/120 °C          |                    |                    |                     | 280 mm         | ● 67640  |

● in-stock items

● Non-stock items