



## surface mounting thermostat with housing GAT/7HC

Part no. 67403X

surface mounting thermostat with housing

### benefits

- mechanical temperature controller
- ideal for underfloor heating systems
- Temperature limitation at pipes
- easy installation with strap

### Application

Surface mounting thermostat for strap mounting at pipes from 16 to 100 mm diameter. The version with internal adjustment and temperature control range up to 60 °C is specially suited for underfloor heating systems.

### Description

The surface mounting thermostat uses a bimetal strip (element consisting of two metal strips with different heat expansion coefficients). When the temperature changes, the bimetal strip bends which triggers electrical switching.

### Technical Specifications

**Type**  
GAT

**Operating range**  
see ordering table

**Tolerance**  
+2 K/-8 K

**Switching differential**  
 $\Delta T 8 \pm 3 K$

**Setting**  
GAT/7HC  
Internal

**Probe element**  
Bimetal

**Operating temperature range**  
Housing: max. 85 °C

**Housing**  
Upper part: plastic (PVC), grey (RAL 7035)  
base plate: steel, galvanised

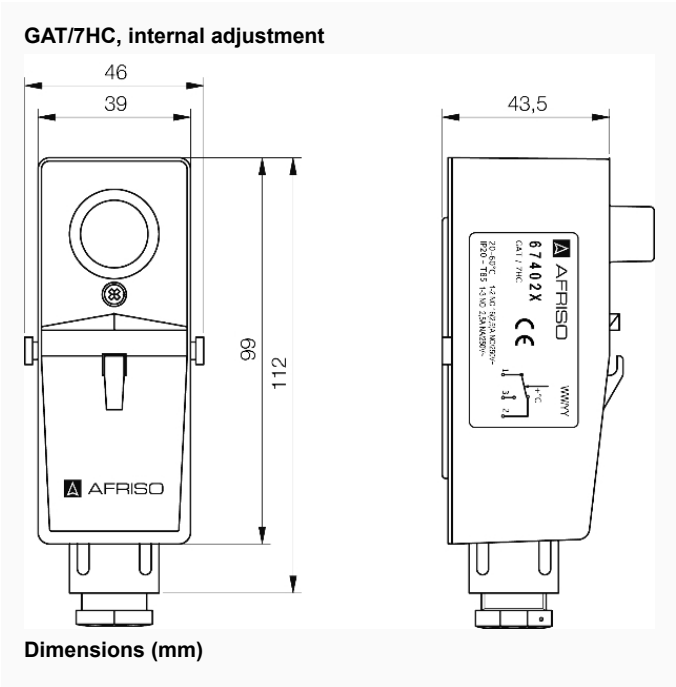
**Cable entry**  
plastic (PVC), black  
M20 x 1.5

**Degree of protection**  
IP 20 (EN 60529)

electrical switching contact  
Changeover contact

Contact rating  
NC: AC 250 V, 16 (2.5) A  
NO: AC 250 V, 2.5 A

Technical Drawings



Versions

|                                                  | adjustment | Operating range | Switching point | Switching point | capillary length | Stem length | Part no. |
|--------------------------------------------------|------------|-----------------|-----------------|-----------------|------------------|-------------|----------|
| surface mounting thermostat with housing GAT/7HC | Internal   | 20/90 °C        |                 |                 |                  |             | 67403X   |

-  in-stock items
-  Non-stock items