



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
 $\Delta T \ 8 \pm 3 \text{ K}$

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

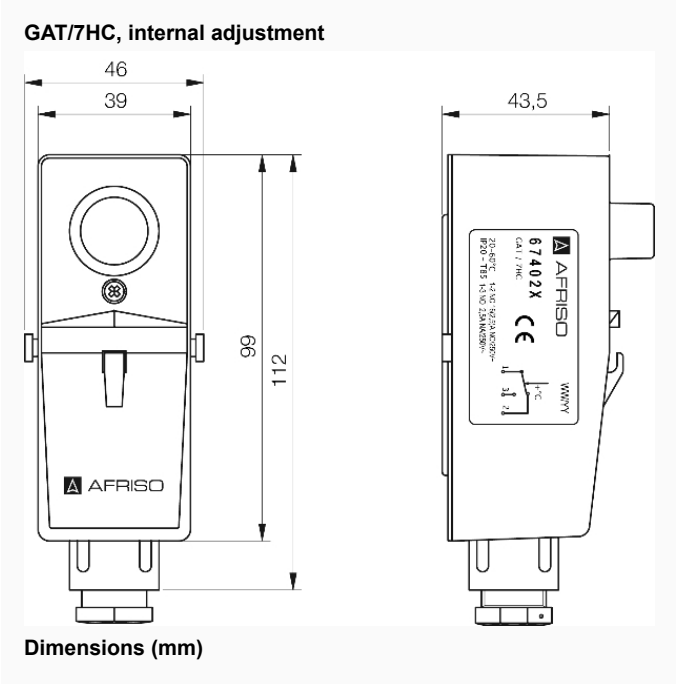
Cable entry
plastic (PVC), black
M20 x 1.5

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	20/60 °C					67402X
surface mounting thermostat with housing GAT/7HC	Internal	20/90 °C					67403X

- in-stock items
- Non-stock items