

# Standard Bimetal Thermometers

## Model: TS1

### Applications

- Heating system
- Pumps and compressors
- Hydraulic and pneumatic systems
- For the applications wich required large dial sizes for easy readability

### Special features

- Accuracy 1.6%
- Zero adjustment at the end of the stem
- Scale ranges from -30 ... +350 °C
- Stem length 40...150mm

### Description

- |                        |  |
|------------------------|--|
| ■ Accuracy class       | 1.6%   |
| ■ Dial size            | 2"(50mm), 2 1/2"(60mm)   |
| ■ Case & bayonet bezel | Galvanized steel, Aluminium case and bezel<br>304 stainless steel (option) |
| ■ Measuring element    | Bimetal coil   |
| ■ Process connection   | Fixed or plain   |
| ■ Stem length          | 40...150mm   |
| ■ Stem diameter        | 6mm (std.) 6.4 mm, 8mm, 9.6 mm & 12.7 mm (option)                          |
| ■ Window               | plexiglass, Glass  |
| ■ Max. operating press | 100 psi  |
| ■ Dial                 | Aluminium, white, black lettering  |
| ■ Pointer              | Plastic, Aluminium   |
| ■ Protection           | IP54   |





**TS 1 Bimetal Thermometers**

ORDERING CODE	Example: TS 1	2	T	2	8	F	2	AT	WA	Note
Dial Size										
2 - 50 mm(2")		2								
4 - 63 mm(2 1/2")										
Connection Type										
T - Bottom			T							
B - Back										
Stem Diameter										
0 - 6.0 mm (standard)										
2 - 6.4 mm (1/4")				2						
4 - 8.0 mm (5/16")										
6 - 9.6 mm (3/8")										
8 - 12.7 mm (1/2")										
Stem length										
2 - 40 mm										
4 - 50 mm										
6 - 63 mm										
8 - 80 mm					8					
10 - 100 mm										
15 - 150 mm										
process connection										
F - Fixed						F				
P - Plain										
C - Customer										
Range										
2 - 0...120 C							2			
4 - 0...300 C										
C - customer										
Accuracy										
AT - 1.6% (std.)								AT		
AC - 1%										
Options										
SC - Single scale										
DS - Dual scales										
YW - 304 Stainless steel case										
EP - Epoxy painted case & bezel										
BT - NPT thread										
NH - Stainless steel tag wired to case										
CC - Calibration certificate										
AT - ATEX										
WA - One year warranty									WA	
Other										





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