

**GENERAL SERVICE  
BIMETAL THERMOMETER  
MODEL : T114**

**WISE<sup>®</sup>**

**SERVICE INTENDED**

Bimetal Thermometer is used for measuring temperature of gas or liquid fluid. This is suitable for measurement, regulation and direct monitoring of the fluid and meets the most stringent criteria on resistance to corrosive atmosphere and exceptionally climatic circumstance.

**NOMINAL DIAMETER**

75 and 100mm

**ACCURACY**

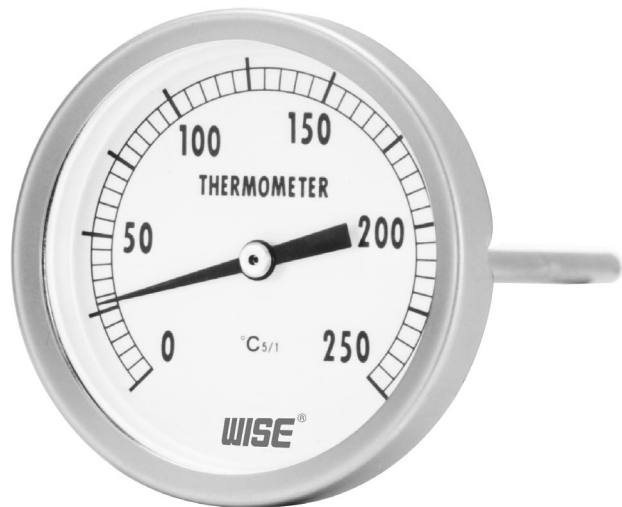
±2.0% of Full Scale

**TEMPERATURE ELEMENT**

Coiled Bimetal

**WORKING RANGE**

Maximum Scale Value



TD01 - 04

**Standard Features**

**LOCATION OF STEM**

Centre Back Connection, Direct

**CASE**

Cr Plated Steel

**COVER**

Cr Plated Steel

**WINDOW**

Glass

**DIAL**

White Aluminium with  
Black Graduations

**POINTER**

Black Aluminium

**STEM**

6.4 mm Diameter, Cr Plated Steel  
Max. Stem Length : 400mm

**ZERO ADJUSTMENT**

By resetting the pointer after  
removing the cover.

**STEM CONNECTION**

1/2" PT or NPT

# ORDERING INFORMATION

## BASE MODEL

**T114 : GENERAL SERVICE BIMETAL THERMOMETER**

### NOMINAL DIAMETER

- 3 : 75mm
- 4 : 100mm

### TYPE OF MOUNTING

- X : Centre Back Connection, Direct

### STEM MATERIAL

- 0 : Cr Plated Steel

### CONNECTION

- E : 1/2"

### CONNECTION TYPE

- C : PT
- D : NPT

### STEM OUT DIA.

- 1 : 6.4mm

### RANGE(Refer to Scale Range Table)

XXX

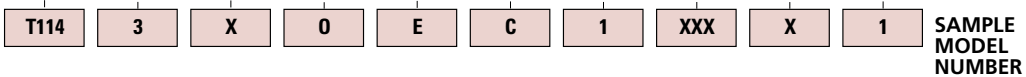
### STEM LENGTH

(Refer to Stem Length Table)

X

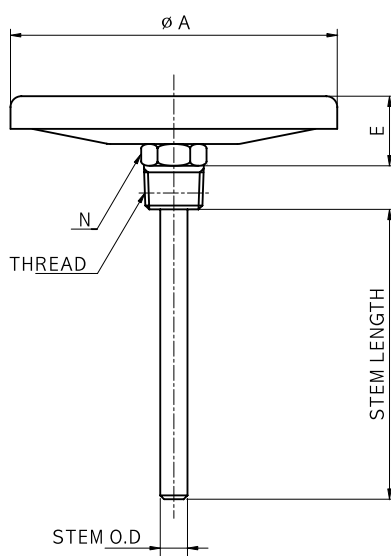
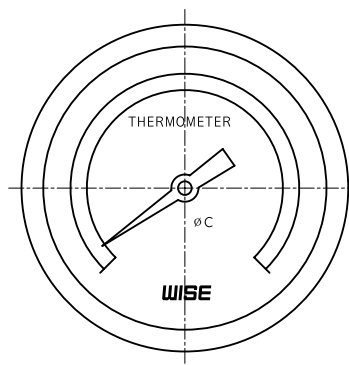
### ACCESSORIES

- 0 : None
- 1 : Thermowell



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## T114 : TYPE OF MOUNTING



Dimensions (mm)

DIAL SIZE	A	E	N
75	85.4	33	24x27.7 HEX
100	111	32	24x27.7 HEX

## SCALE RANGES

Code	Scale Range(°C)	Scale Spacing(°C)	Minimum Stem Length (mm)
099	0~50	1	110
101	0~70	2	80
102	0~80	2	70
104	0~100	2	55
109	0~150	5	45
114	0~200	5	35
119	0~250	5	35
124	0~300	5	35
129	0~350	5	35

## STEM LENGTH

Code	1	2	3	4	5	6	7	8	9
Length (mm)	50	60	70	80	100	120	130	150	175

Code	A	B	C	D	E	F	G	H	
Length (mm)	200	225	250	275	300	350	375	400	