Sanitary bimetal thermometer (3-A Marking)
Model : T123

Service intended
Sanitary bimetal thermometer is used for measuring temperature of corrosive and contaminated materials. Its usage expands to food, beverage, biochemical and pharmaceutical industry.

Nominal diameter
75 and 100 mm

Accuracy
±2.0 % of full scale

Temperature element
Coiled bimetal

Working range
Maximum scale value

Standard features

Location of stem
Bottom connection, direct

Case
304SS

Cover
304SS

Window
Glass

Dial
White aluminium with black graduations

Pointer
Black painted aluminium alloy

Stem
6.0, 6.4 and 8.0 mm diameter
304SS, 316SS and 316L SS

Zero adjustment
Internal

Stem, process connection
Tri-clamp
1S, 1½S, 2S

Option
±1.0 % of full scale

1. Base model

T123   Sanitary bimetal thermometer (3-A marking)

2. Nominal diameter (mm)

3   75
4   100

3. Type of mounting

W   Bottom connection, direct

4. Stem material

0   304SS
1   316SS
2   316L SS

5. Stem, process connection

D   1S
E   1½S
F   2S

6. Stem connection type

T   Tri-clamp

7. Stem outer diameter (mm)

0   6.0
1   6.4
2   8.0

8. Range

XXX   Refer to scale range table

9. Insertion length
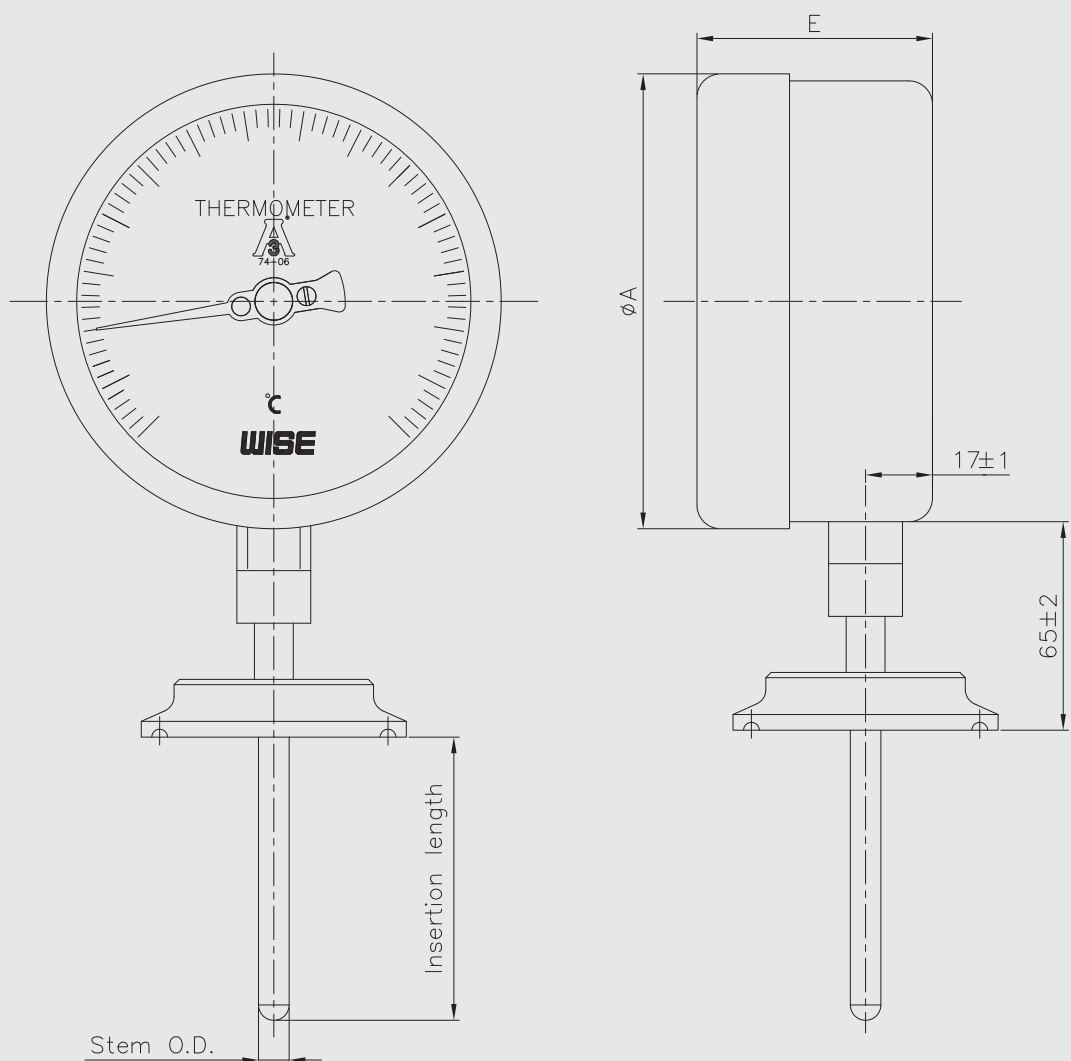
X   Refer to insertion length table

10. Accessories

0   None
1   Thermowell
2   Special accuracy (±1.0 % of full scale)
3   Thermowell and special accuracy

1	2	3	4	5	6	7	8	9	10	
T123	**4**	**W**	**1**	**F**	**T**	**2**	**XXX**	**X**	**0**	**Sample ordering code**

THERMOMETER

74-06

℃

WISE

E

⌀A

17±1

65±2

Insertion length

Stem O.D.

Dimensions (mm)

Dial Size	A	E±2
75	86.5	43
100	111	50.5

WISE®

Scale ranges

Code	Scale range (℃)	Scale spacing (℃)	Minimum stem length (mm)	
			6.0 and 6.4	8.0 and 10.0
061	-30 ~ 120	2	45	35
079	-20 ~ 150	5	40	35
084	-10 ~ 50	1	95	80
106	0 ~ 120	2	50	45
109	0 ~ 150	2	45	35
114	0 ~ 200	5	35	35
119	0 ~ 250	5	35	30
124	0 ~ 300	5	35	25
129	0 ~ 350	5	30	25
134	0 ~ 400	10	80	65
144	0 ~ 500	10	70	60
154	0 ~ 600	10	70	60

Insertion length

Code	1	2	3	4	5	6	7	8	9	A	B	C
Length (mm)	50	60	70	80	100	120	130	150	175	200	225	250

Code	D	E	F	G	H	J	K	L	M	N	P
Length (mm)	275	300	350	375	400	450	500	550	1,000	1,500	2,000