

REMOTE READING THERMOMETER WITH ALUMINIUM CASE MODEL : T212

WISE[®]

SERVICE INTENDED

Liquid Filled thermometer is used for measuring temperature of corrosive and non-corrosive fluid in all industries, operated in aggressive and non-aggressive environment. Linear dials and temperature compensate line assure an accurate temperature indication at varying ambient conditions.

NOMINAL DIAMETER

75, 100 and 150mm

ACCURACY

±1.0% of Full Scale (0 up to 200°C)

±2.0% of Full Scale

TEMPERATURE ELEMENT

Liquid Filled

Organic Gas : -50°C to 600°C

WORKING RANGE

Maximum Scale Value



Standard Features

LOCATION OF STEM AND MOUNTING

Bottom Connection, Surface, Case Mounting
Lower Back Connection, Flush, Case Lower Mounting
Lower Back Connection, Flush, Case Centre Mounting

DIAL

Black Finished Aluminium

COVER

Black Finished Aluminium

CAPILLARY

Capillary : 1.6/0.2 mm, 316SS

Armored tube : 6.5/4.5 mm, 304SS

WINDOW

Glass

DIAL

White Aluminium with
Black Graduations

POINTER

Black Aluminium

STEM

8.0, 10.0 and 12.0mm

316SS

ZERO ADJUSTMENT

Please take out the pointer
and reset it

STEM CONNECTION

3/8", 1/2", 3/4" PT or NPT

ORDERING INFORMATION

BASE MODEL

T212 : REMOTE READING THERMOMETER WITH ALUMINIUM CASE

NOMINAL DIAMETER

3 : 75mm
4 : 100mm
6 : 150mm

TYPE OF MOUNTING

B : Bottom Connection, Surface, Case Mounting Plate, Not available with diameter 75 mm
K : Lower Back Connection, Flush, Case Mounting Plate, Only available with diameter 100mm
L : Lower Back Connection, Flush, Case Centre Mounting Plate, Not available with diameter 150mm

STEM MATERIAL

1 : 316SS

PROCESS CONNECTION

D : 3/8"
E : 1/2"
E : 3/4"

CONNECTION TYPE (CF : Compression Fitting)

B : PF
C : PT
D : NPT
E : CF + PT
E : CF + NPT

STEM OUT DIA.

2 : 8.0mm
3 : 10.0mm
4 : 12.0mm

RANGE(Refer to Scale Range Table)

XXX

CAPILLARY LENGTH

P : 2 metre
Q : 3 metre
S : 5 metre
V : 8 metre
X : 10 metre
Z : Other

ACCESSORIES

0 : None
1 : Thermowell

T212

4

B

1

E

C

3

XXX

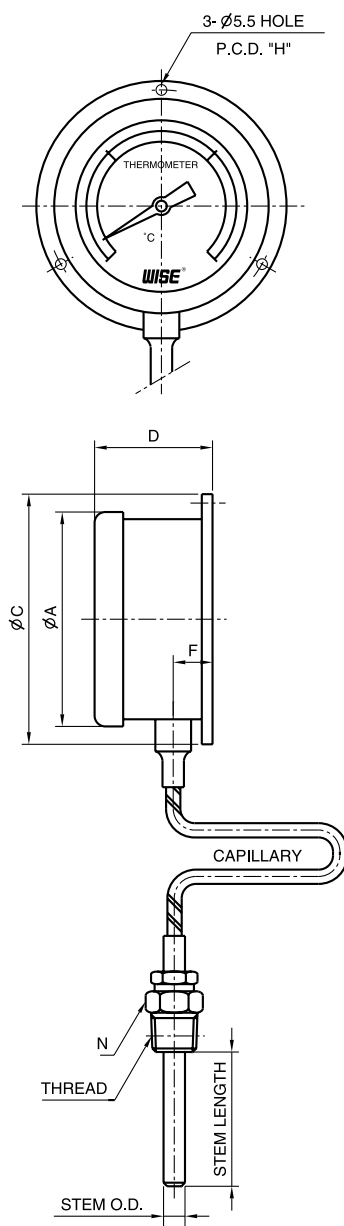
P

1

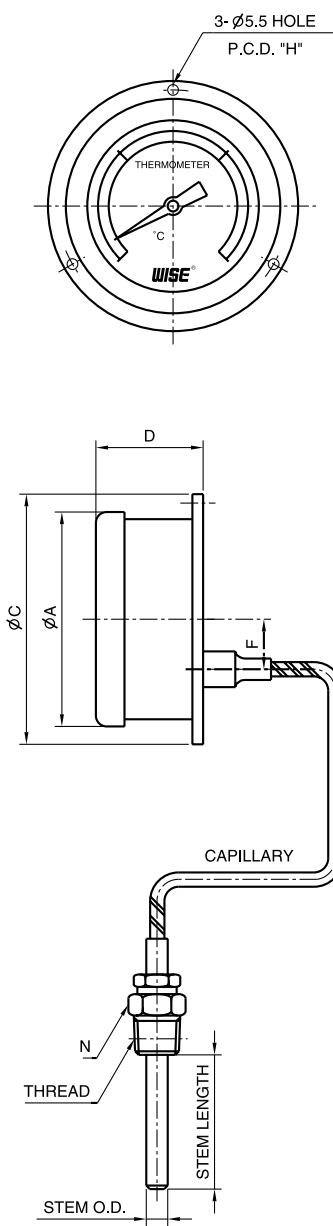
SAMPLE
MODEL
NUMBER

T212 : TYPE OF MOUNTING

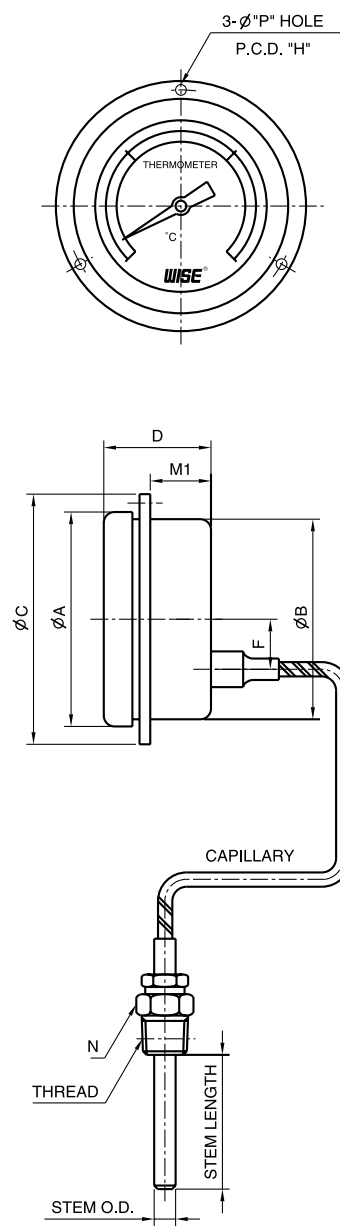
CODE B



CODE K



CODE L



Dimensions (mm)

DIAL SIZE	AVAILABLE CODE	A	B	C	D	F	H	M1	P	N
75	L	85	80	105	46	25	95	24.5	4.5	27x31.2 HEX
100	B	110		128	52	20.5	115			27x31.2 HEX
	K	110		128	52	25	115			27x31.2 HEX
	L	110	105	135	46.5	25	122	26	5.5	27x31.2 HEX
150	B	172		185	62	19.5	174			27x31.2 HEX

SCALE RANGES

Code	Scale Range (°C)	Scale Spacing (°C)	Minimum Stem Length (mm)			Standard Stem Length (mm)		
			8.0	10.0	12.0	8.0	10.0	12.0
032	-50~50	2	100	85	65	200	130	130
037	-50~100	5	100	88	65	200	130	130
054	-30~50	2	100	85	65	200	150	130
059	-30~100	2	100	85	65	200	130	130
061	-30~120	5	100	85	65	200	130	130
069	-20~50	2	100	85	65	200	130	130
074	-20~100	2	100	85	65	200	130	130
079	-20~150	5	100	85	65	200	130	130
084	-10~50	1	100	85	65	200	130	210
099	0~50	1	100	85	65	200	130	210
100	0~60	1	100	85	65	200	130	190
101	0~70	2	100	85	65	200	130	130
102	0~80	2	100	85	65	200	130	130
104	0~100	2	100	85	65	200	130	130
106	0~120	2	100	85	65	200	130	130
109	0~150	5	100	85	65	200	130	130
114	0~200	5	100	85	65	200	130	130
119	0~250	5	100	85	65	200	130	130
124	0~300	5	100	45	40	200	130	130
129	0~350	5	100	45	40	200	130	130
134	0~400	10	100	45	40	200	130	130
144	0~500	10	100	45	40	200	130	130
154	0~600	10	100	45	40	200	130	130
164	0~700	10	100	45	40	200	130	130