

REMOTE READING THERMOMETER WITH OIL FILLED MODEL : T219

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

100mm, 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



TD02 - 03

Standard Features

LOCATION OF STEM AND MOUNTING

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

STEM

8.0, 10.0 and 12.0mm
316SS

CASE

304SS

WINDOW

Glass

FILLED FLUID IN CASE

Glycerine

COVER

304SS

DIAL

White Aluminium with
Black Graduations

ZERO ADJUSTMENT

By resetting the pointer after
removing the cover

CAPILLARY

Capillary : 1.6/0.2mm, 316SS
Armored Tube : 6.5/4.5mm, 304SS

POINTER

304SS, Black painted

STEM CONNECTION

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

ORDERING INFORMATION

BASE MODEL

T219 : REMOTE READING THERMOMETER WITH OIL FILLED

NOMINAL DIAMETER

4 : 100mm
6 : 150mm

TYPE OF MOUNTING

B : Bottom Connection, Surface, Case Mounting Plate
M : Lower Back Connection, Flush, Case Centre Mounting Bracket

STEM MATERIAL

1 : 316SS

PROCESS CONNECTION

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

CONNECTION TYPE (CF : Compression Fitting)

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

T219

4

B

1

E

C

3

XXX

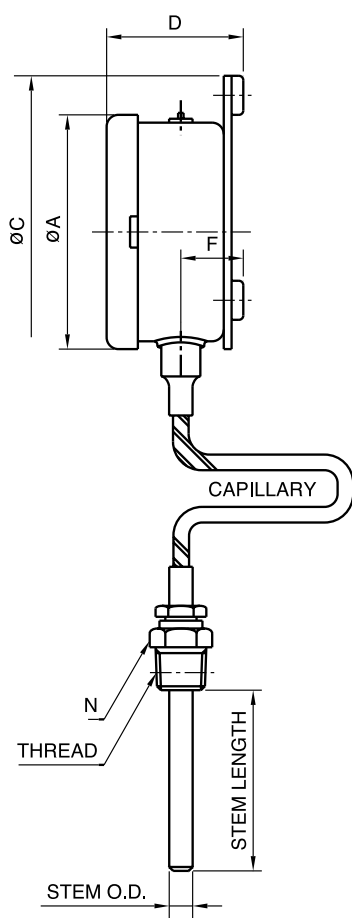
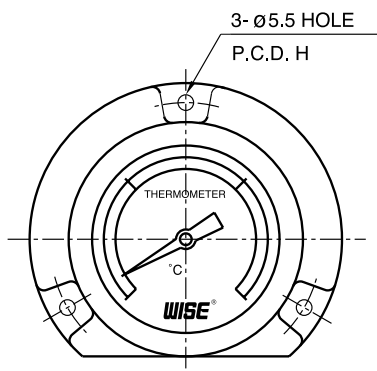
P

1

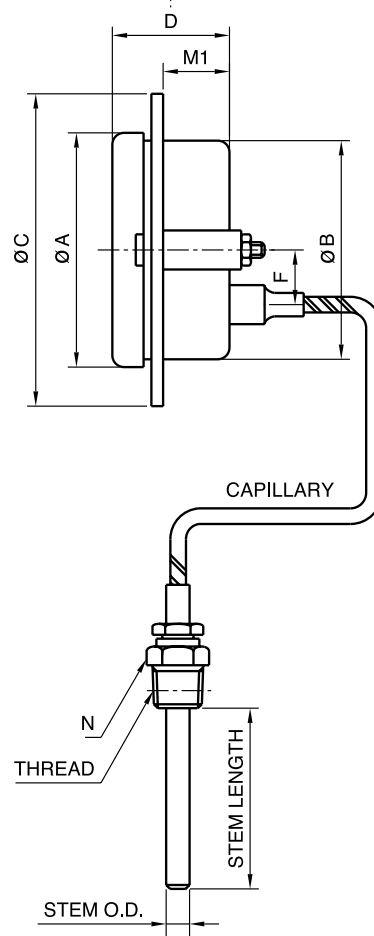
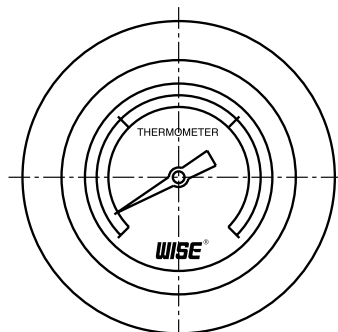
SAMPLE
MODEL
NUMBER

T219 : TYPE OF MOUNTING

CODE B



CODE M



Dimensions (mm)

DIAL SIZE	AVAILABLE CODE	A	B	C	D	F	H	M1	N
100	B	111		128	52.5	23	115		27x31.2 HEX
	M	111	99.5	128	50.5	25		28.5	27x31.2 HEX
150	B	168.5		178	66	26	165		27x31.2 HEX
	M	168.5	153	195	62.5	56		38.5	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