Remote reading thermometer
Model : T210

WISE ®

Service intended

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

Nominal diameter

100 and 150mm

Accuracy

±2.0% of full scale

Temperature element

Liquid Filled
Organic Gas : -200°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 Center Mounting

Case

304SS

Cover

304SS

Capillary

Capillary : 1.6/0.2mm, 316SS
Armored tube : 7.5/5.5mm, 304SS

Window

Glass

Dial

White Aluminium with
Black Graduations

Pointer

304SS, Black painted

Stem

8.0, 10.0 and 12.0mm
316SS

Zero adjustment

By resetting the pointer after removing the cover

Stem connection

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

Optional

±1.0% of full scale

423

Ordering information

Base model

T210: Remote reading thermometer

Nominal diameter

4 : 100mm
6 : 150mm

Type of mounting

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

Stem material

1 : 316SS

Process connection

A : None   G : 1+1/2"
C : 1/4"   H : 2"
D : 3/8"   I : 2.5"
E : 1/2"
F : 3/4"

Connection type (CF: compression fitting)

A : None   H : MT+PT (Movable Thread)
B : PF   I : MT+NPT
C : PT   J : MT+PF
D : NPT   S : CLAMP (Sanitary Type Flange)
E : CF+PT
F : CF+NPT
G : CF+PF

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

| T210 | 4 | B | 1 | E | C | 2 | XXX | P | 1 | Sample model number |

CODE B

CODE M

3- Ø5.5 HOLE
P.C.D. H

THERMOMETER
°C
WISE®

THERMOMETER
WISE®

D

D

M1

ØC
ØA

F

ØC
ØA

ØB

F

CAPILLARY

CAPILLARY

N
THREAD

STEM LENGTH

N
THREAD

STEM LENGTH

STEM O.D.

STEM O.D.
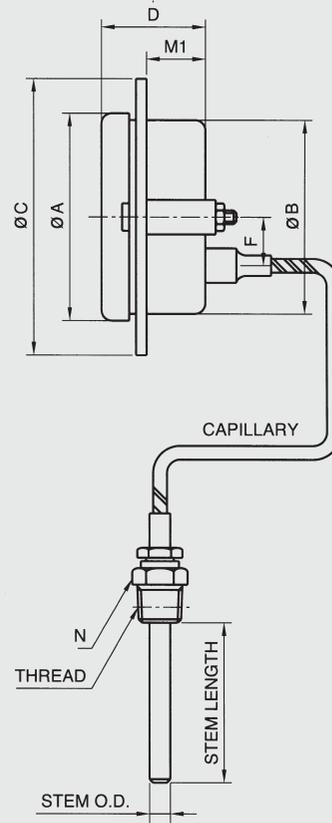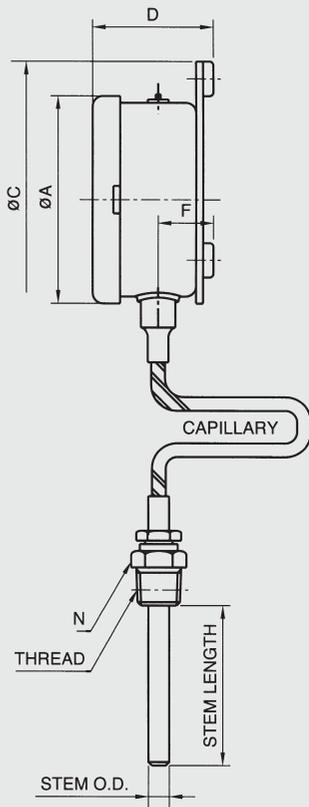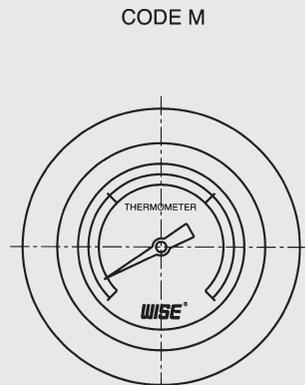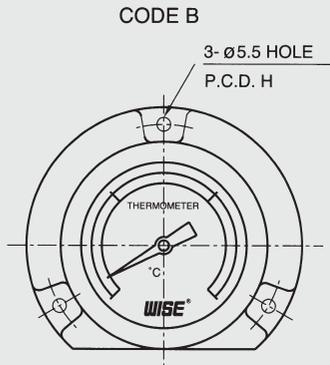
Dimensions (mm)

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
031	-200~100	5	150	100	65	200	130	130
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

＊0~700°C/SPECIAL RANGE
＊-200~100°C/SPECIAL RANGE

Stem 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	Z
Length(mm)	275	300	350	375	400	450	500	550	1000	1500	2000	Longer than 2000