

Liquid Filled Type Thermometer

Model No. SS-4010 Series



SS-4010 100mm

Summary

The scale interval of this instrument is divided equally. Therefore, it is easy to read the scale when measuring the temperature. As the driving power is strong, the indicator indicates certainly and it is widely used for industrial use because the temperature transmission speed is very fast.

Safety Management

- If possible, install a well.
- Do not give impact during transportation, installation and usage.
- Be sure to install the thermometer to be horizontal and vertical.
- Avoid the places where steam and poisonous gas exist a lot.

Purpose of Use

- Various boilers
- Dyeing machines
- Petrochemistry plant
- Measurement of inner temperature of a tank
- Ships, etc.
- LPG, LNG gas line

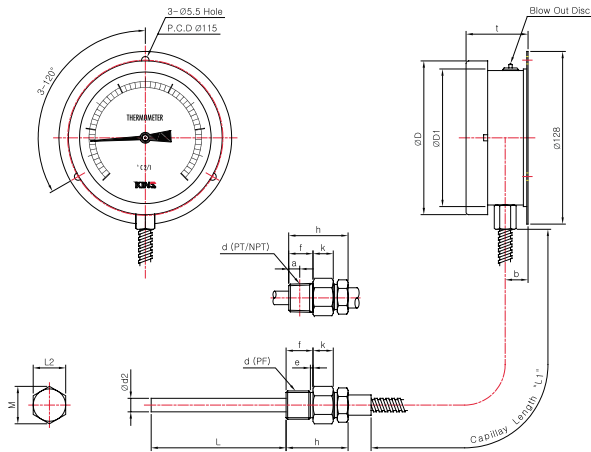
Production Specification

- ▶ Diameter
 - 100 mm
- ▶ Accuracy
 - $\pm 2.0\%$ of Full Scale
- ▶ Scale Range
 - $-30^{\circ}\text{C} \sim 650^{\circ}\text{C}$
- ▶ Common Temperature
 - 75% of Full Scale

Product Specification

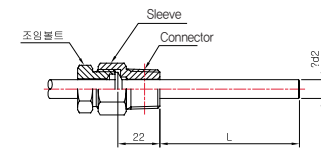
- | | | |
|--|--|--|
| <ul style="list-style-type: none"> + Case <ul style="list-style-type: none"> · STS 304 + Cover <ul style="list-style-type: none"> · STS 304 · Slip-on-Fit + Connection <ul style="list-style-type: none"> · STS 316 · PF, PT, NPT ↔ 1/2 + Window <ul style="list-style-type: none"> · General glass · Tempered safety glass · Laminated safety glass | <ul style="list-style-type: none"> + Type <ul style="list-style-type: none"> · B-Type(Surface type) · BD-Type(Panel attachment type) + Panel attachment type <ul style="list-style-type: none"> · Aluminum · Color of white · Black gradation and characters + Pointer <ul style="list-style-type: none"> · Aluminum · Black coating + Capillary Tube <ul style="list-style-type: none"> · Standard 2 M (Maximum 10 M) | <ul style="list-style-type: none"> + Stem <ul style="list-style-type: none"> · STS 304, STS 316 + Stem O,D <ul style="list-style-type: none"> · $\varnothing 8, \varnothing 10, \varnothing 12$ + Well <ul style="list-style-type: none"> · STS 304 · Titanium, Monel, Hastelloy · Teflon Lining, Glass Lining |
|--|--|--|

Model No. | SS-4011 (100mm) B-Type(Surface type)

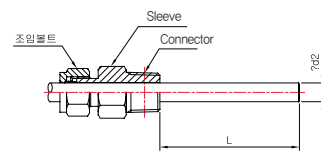


Form of the part of detecting temperature

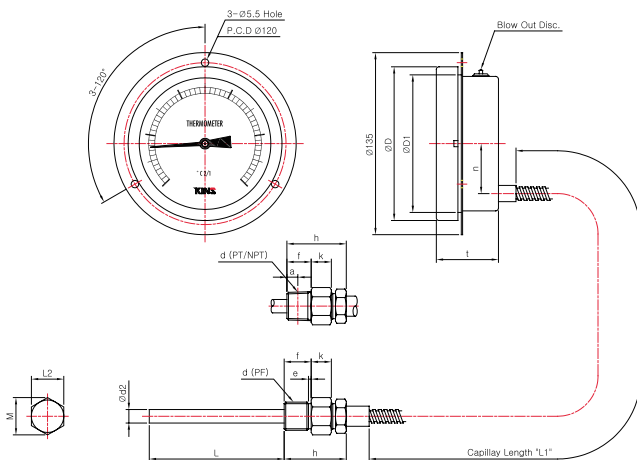
1) Union type (Standard)



2) Adjustable type



Model No. | SS-4012 (100mm) BD-Type(Pannel attachment type)



Standard manufacturing temperature and minimal length for the part of detecting the temperature

KINS	Stem Dia (mm)			
	Ø8	Ø10	Ø12	
Standard Manufacturing Temperature (°C)	-20 ~ 80	50	60	50
	-20 ~ 100	50	60	50
	0 ~ 50	83	60	50
	0 ~ 80	50	60	50
	0 ~ 100	50	60	50
	0 ~ 120	50	60	50
	0 ~ 150	50	60	50
	0 ~ 200	50	60	50
	0 ~ 250	50	60	50
	0 ~ 300	50	60	50
	0 ~ 350	75	53	50
	0 ~ 400	70	53	48
	0 ~ 500	62	48	44
0 ~ 650	55	45	42	

Dimensions (mm)

Model No.	Conn'h (d)	ØD	ØD1	b	n	t	L2	M	k	Ød2	h	f	e	a
SS-4011	PF 1/2	114	100	17	-	(46)	24	(27.7)	17	8 10 12	(50)	20	2	-
	NPT & PT 1/2										(48)	18	-	8.16
SS-4012	PF 1/2	114	100	-	37	(46)	24	(27.7)	17	8 10 12	(50)	20	2	-
	NPT & PT 1/2										(48)	18	-	8.16

*()The measurement in the blanket is approximate.