

Liquid Filled Thermometer (with Micro Contact)

Model No. **SS-4025/6 Series**



SS-4025/6

Summary

This instrument has a micro switch that produces a contact signal when there is an increase or decrease of temperature by controlling the setting temperature.

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 temperature control, information system
- Various boilers
- Petrochemistry plant
- Transformer, etc

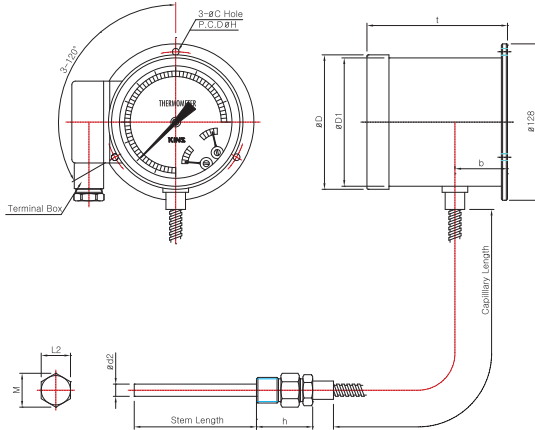
Production Specification

- ▶ Diameter
 - 100, 150 mm
- ▶ Accuracy
 - Grade : $\pm 2.0\%$ of Full Scale
 - Repeatability : ± 1.0 of Adj Range
 - Dead Band : $\pm 4.0\%$
- ▶ Scale Range
 - $-30^{\circ}\text{C} \sim 650^{\circ}\text{C}$
- ▶ Common Temperature
 - 75% of Full Scale

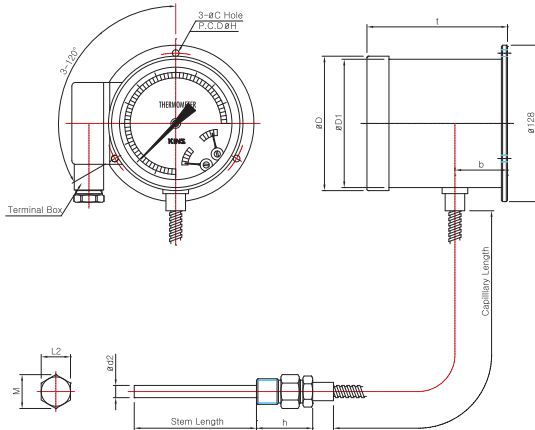
Product Specification

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> + Case <ul style="list-style-type: none"> · Aluminum(Hammer tone coating) + Cover <ul style="list-style-type: none"> · Aluminum(Hammer tone coating) + Connection <ul style="list-style-type: none"> · STS 304, 316 · PF, PT, NPT \leftrightarrow 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) + Dial <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"> + Contact rating <ul style="list-style-type: none"> · AC 125V 5A / 250V 3A · DC 30V 4A / 125V 0.4A / 250V 0.2A + Contact type <ul style="list-style-type: none"> · High and Low 2 contact
(High or Low, High & High
High & Low, Low & Low) + Well <ul style="list-style-type: none"> · STS 304, 316 · Titanium, Monel, Hastelloy
Teflon Lining, Glass Lining |
|---|---|--|

Model No. | SS-4025 B-Type(Surface type)



Model No. | SS-4026 BD-Type(Panel attachment type)

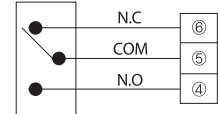


Standard production temperature and minimal length in the part of detecting temperature

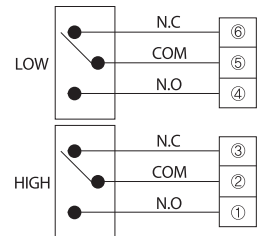
	KINS	Stem Dia (mm)		
		Ø8	Ø10	Ø12
Standard Manufacturing Temperature (°C)	-20 ~ 80	50	60	50
	-20 ~ 100	50	60	50
	0 ~ 50	83	60	50
	0 ~ 80	50	60	50
	0 ~ 100	50	60	50
	0 ~ 120	50	60	50
	0 ~ 150	50	60	50
	0 ~ 200	50	60	50
	0 ~ 250	50	60	50
	0 ~ 300	50	60	50
	0 ~ 350	75	53	50
	0 ~ 400	70	53	48
	0 ~ 500	62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

Connection diagram

1 S/W



2 S/W



* Other details are the same as SS-4010 100mm Series

Dimensions (mm)

	Model No.	Conn'n (d)	ØD	ØD1	b	n	t	L2	M	k	Ød2	h	f	e	a
100mm	SS-4025	PF 1/2	110	105	43	-	(115)	24	(27.7)	17	8	(50)	20	2	-
		NPT & PT 1/2									10	(48)	18	-	8.16
	SS-4026	PF 1/2	110	105	-	33	(115)	24	(27.7)	17	8	(50)	20	2	-
		NPT & PT 1/2									10	(48)	18	-	8.16
150mm	SS-4025	PF 1/2	170	156	43	-	(115)	24	(27.7)	17	8	(50)	20	2	-
		NPT & PT 1/2									10	(48)	18	-	8.16
	SS-4026	PF 1/2	170	156	-	33	(115)	24	(27.7)	17	8	(50)	20	2	-
		NPT & PT 1/2									10	(48)	18	-	8.16

*()The measurement in the blanket is approximate.