

Liquid Filled Thermometer Transformer

Model No. **SS-4023 Series**



SS-4023 100mm

Summary

The principle and structure of this temperature measurement instrument is the same as the filled thermometer but it produces a contact signal when there is an increase or decrease of temperature by installing the set-up indicator for high and low.

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.
- Connect under the rated voltage.

Purpose of Use

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

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"> · Aluminum(Hammer tone coating) | <ul style="list-style-type: none"> + Type <ul style="list-style-type: none"> · B-Type(Surface type) | <ul style="list-style-type: none"> + Contact rating <ul style="list-style-type: none"> · AC 125V 0,5A / 250V 0,25A · DC 24V 0,25A |
| <ul style="list-style-type: none"> + Cover <ul style="list-style-type: none"> · Aluminum(Hammer tone coating) | <ul style="list-style-type: none"> + Dial <ul style="list-style-type: none"> · Aluminum · Color of white · Black gradation and characters | <ul style="list-style-type: none"> + Contact type <ul style="list-style-type: none"> · High and Low 2 contact (High or Low, High & High High & Low, Low & Low) |
| <ul style="list-style-type: none"> + Connection <ul style="list-style-type: none"> · STS 304, 316 · PF, PT, NPT \leftrightarrow 1/2 | <ul style="list-style-type: none"> + Pointer <ul style="list-style-type: none"> · Phosphor bronze · Black coating | <ul style="list-style-type: none"> + Well <ul style="list-style-type: none"> · STS 304, 316 · Titanium, Monel, Hastelloy Teflon Lining, Glass Lining |
| <ul style="list-style-type: none"> + Window <ul style="list-style-type: none"> · General glass · Tempered safety glass · Laminated safety glass | <ul style="list-style-type: none"> + Capillary Tube <ul style="list-style-type: none"> · Standard 2 M (Maximum 10 M) | |

Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

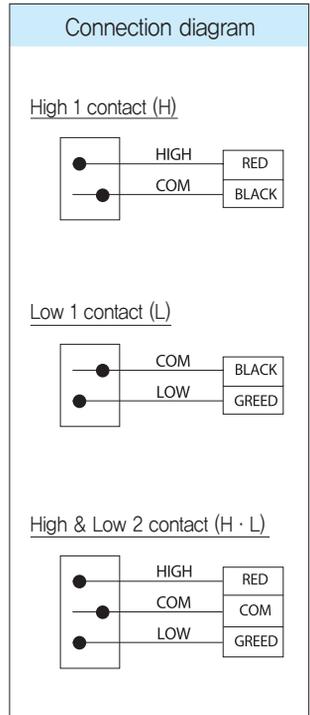
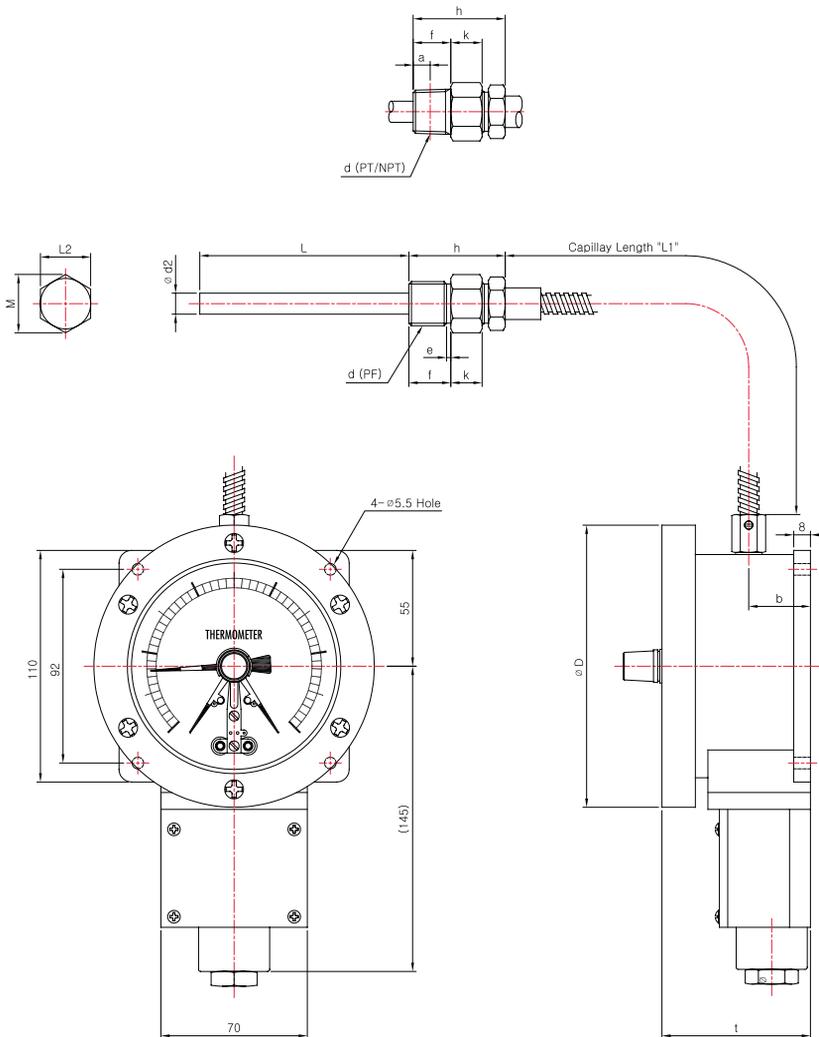
Thermowell

Transmitter

Indicator etc.

Technical data

Model No. | SS-4023 (100mm) Surface Type



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

Dimensions (mm)

| Model No. | Con'n (d) | ØD | t | t | L2 | M | k | Ød2 | h | f | e | a |
|-----------|--------------|-----|----|------|----|--------|----|-----|------|----|---|------|
| SS-4023 | PF 1/2 | 114 | 37 | (56) | 24 | (27.7) | 17 | 8 | (50) | 20 | 2 | - |
| | NPT & PT 1/2 | | | | | | | 10 | (48) | 18 | - | 8.16 |

* () The measurement in the blanket is approximate.