

Liquid Filled Thermometer (with Micro Contact)

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

DAEJIN



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 |
|---|---|--|

Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

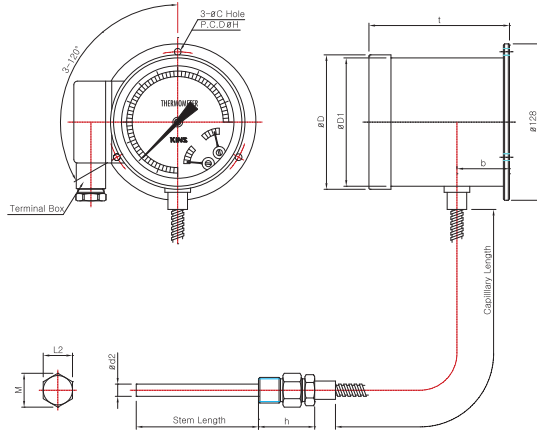
Thermowell

Transmitter

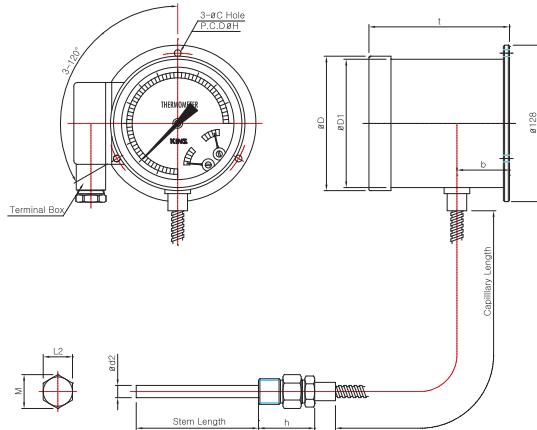
Indicator etc.

Technical data

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



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

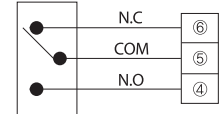


Standard production temperature and minimal length in the part of detecting temperature

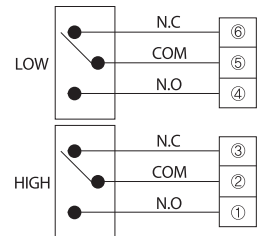
| KINS | Stem Dia (mm) | | | |
|--|---------------|-----|-----|----|
| | Ø8 | Ø10 | Ø12 | |
| Standard Manufacturing Temperature (°C) | -20 ~ 80 | 50 | 60 | 50 |
| | -20 ~ 100 | 50 | 60 | 50 |
| | 0 ~ 50 | 83 | 60 | 50 |
| | 0 ~ 80 | 50 | 60 | 50 |
| | 0 ~ 100 | 50 | 60 | 50 |
| | 0 ~ 120 | 50 | 60 | 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.