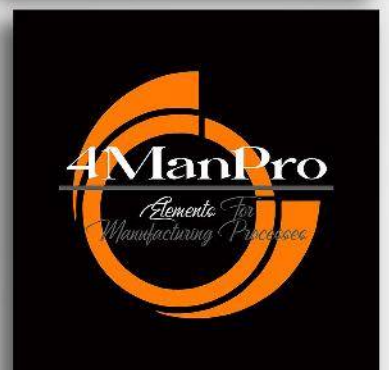




SJ MTB.S



**BIMETALLIC
THERMOMETER**

Bimetallic Thermometer

Model: MTB.S

Product Description

- Support device for monitoring and circuit switching
- Used in food and air conditioning industries, etc.



Fig. left: bottom mount (BS)

Fig. middle: back mount (BL)

Fig. right: adjustable angle (BA)

Product Specification

Connection location

Bottom mount (BS),
back mount (BL),
adjustable angle (BA)

Nominal size

1.5", 2", 2.5", 3", 4", 5", 6" (BL)
2.5", 3", 4", 5", 6" (BA)
3", 4", 5", 6" (BS)

Scale ranges

-50°C ... 600°C

Accuracy

CL 1.0

Process connection

304 SS (standard), 316 SS
1/8", 1/4", 3/8", 1/2", 3/4"
PT, G, NPT, M

Connection designs

Male thread, plain stem,
compression fitting (sliding on
stem), union nut and loose threaded
connection, male nut, union nut,
sanitary tri-clamp, metallic sheet
with dual hole, flange on stem

Product Specification

Stem

304 SS (standard), 316 SS

Length:

Above 40 mm (without thread) can
be customized

Diameter: 6, 6.35, 8, 9.5, 10, 12 mm

Case/Ring

304 SS

Window

Glass

Dial

Aluminum alloy, black scale on white

Pointer

Black aluminum alloy

Filling liquid

Without, glycerine

Accessories (options)

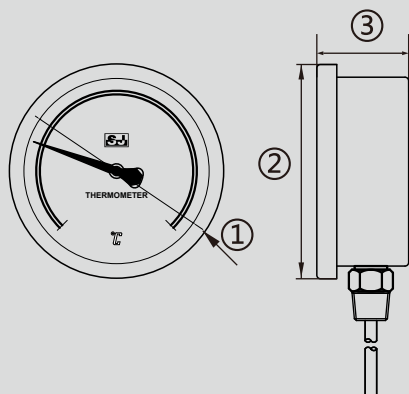
Adjustment nut, thermowell,
adjustable set pointer

Protection

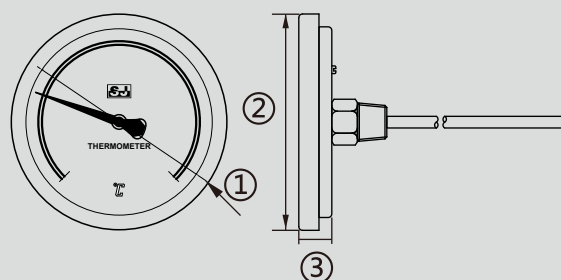
IP67

Connection Location

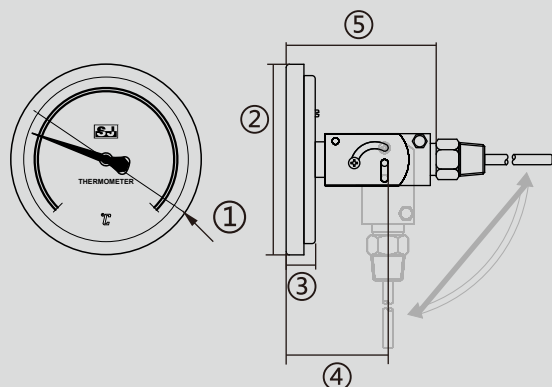
BS-Bottom mount



BL-Back mount



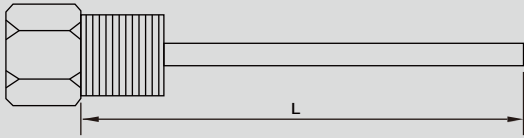
BA-Adjustable angle



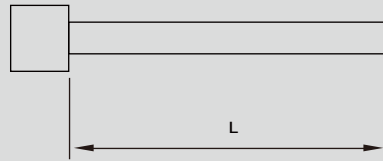
Connection location			
NS	BS	BL	BA
1.5"	-	V	-
2"	-	V	-
2.5"	-	V	V
3"	V	V	V
4"	V	V	V
5"	V	V	V
6"	V	V	V

Connection Design

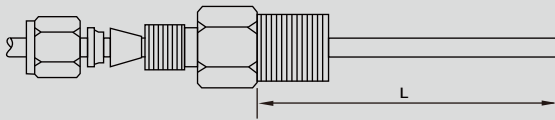
Male thread



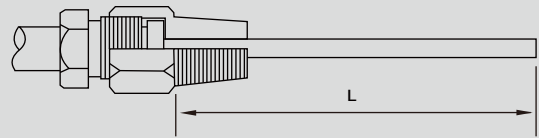
Plain stem



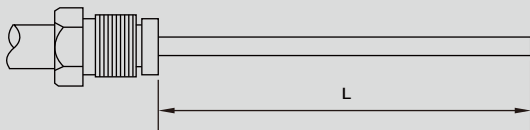
Compression fitting (sliding on stem)



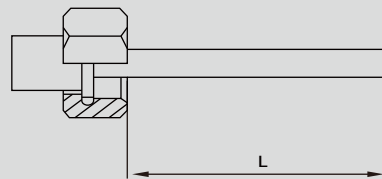
Union nut and loose threaded connection



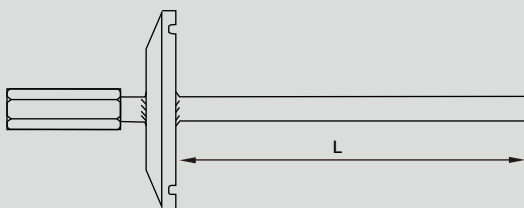
Male nut



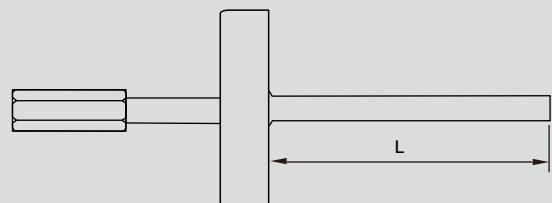
Union nut



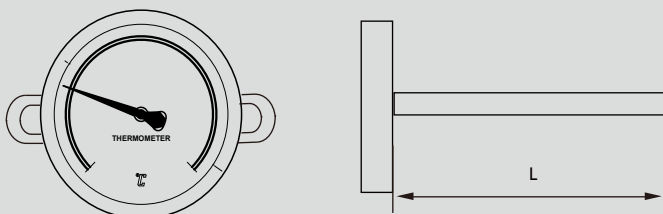
Sanitary tri-clamp



Flange on stem

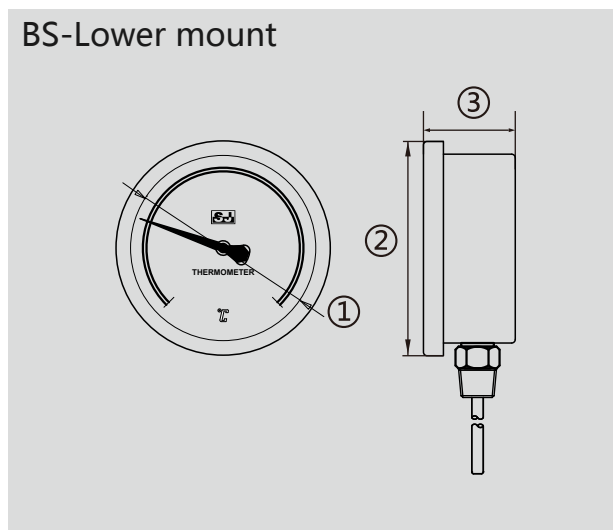


Metallic sheet with dual hole



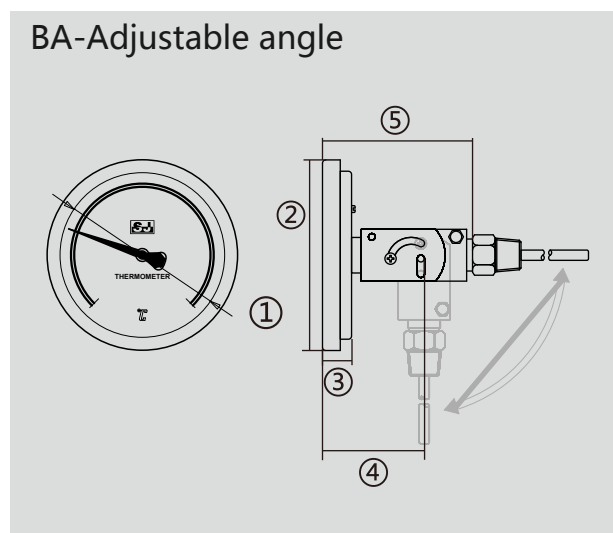
Dimensions

BS-Lower mount



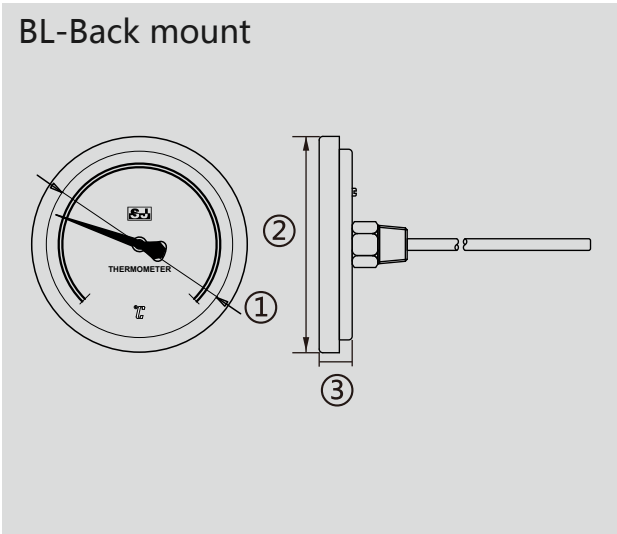
Dimensions (mm)			
NS	①	②	③
3"	70	85	47
4"	102	119	48
5"	110	127	51
6"	140	160	47

BA-Adjustable angle



Dimensions (mm)					
NS	①	②	③	④	⑤
2.5"	57	66	15	55	91
3"	72	84	17	57	93
4"	101	119	18	58	94
5"	114	130	18	58	94
6"	140	160	18	58	94

Dimensions



Dimensions (mm)			
NS	①	②	③
1.5"	34	45	16
2"	49	58	14
2.5"	57	66	15
3"	72	84	17
4"	101	119	18
5"	114	130	18
6"	140	160	18

※ **Ordering information**

Model / Connection location / Nominal size / Scale range / Process connection /
Connection design / Stem length&Diameter / Filling liquid / Accessories / Options

For any changes to the specifications of this catalogue, the latest version shall prevail.

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