





# Bimetallic Thermometer, Adjustable Angle

Model: MTB.S\_BA



## PRODUCT DESCRIPTION



Adjust vertical angle 90°, suitable for observing from multiple angles



Used in chemical and petrochemical industries, etc.

## PRODUCT SPECIFICATION

### Connection location

Adjustable angle

### Nominal size

2.5", 3", 4", 5", 6"

### Scale ranges

-50°C ... 600°C

### Accuracy

CL 1.0

### Process connection

304 SS, 316 SS

1/8, 1/4, 3/8, 1/2, 3/4

PT, G, NPT, M

### Sanitary end cap

1", 1 1/2", 2", 2 1/2", 3", 4"

### Connection designs

Male thread, plain stem,  
compression fitting (sliding on stem),  
union nut and loose threaded connection,  
male nut, union nut, sanitary end cap,  
flange on stem

### Stem

304 SS, 316 SS

Length:

Above 40 mm (without thread)

can be customized

Diameter:

6, 6.35, 8, 9.5, 10 mm

### Case/Ring

304 SS

### Window

Glass, safety glass

### Dial

Aluminum alloy

Black scale on white

### Pointer

Black aluminum alloy

### Filling liquid

Without, glycerine

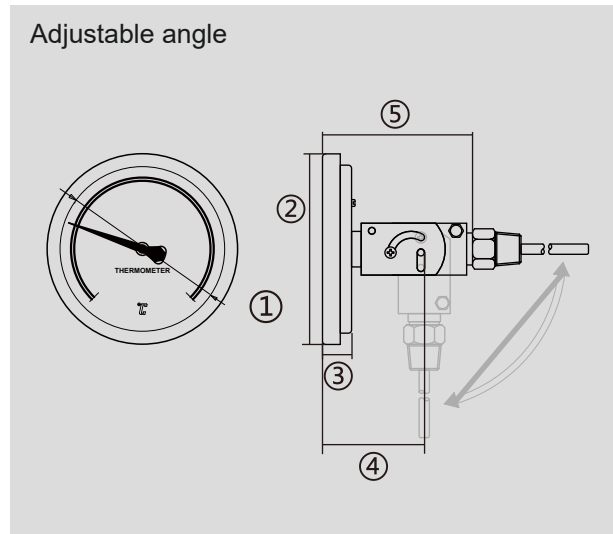
### Accessories (option)

Zero point setting with adjustment screw,  
thermowell, adjustable set pointer,  
drag pointer, spacer

### Protection

IP67

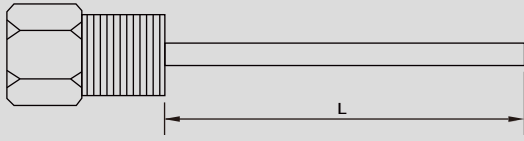
## DIMENSIONS



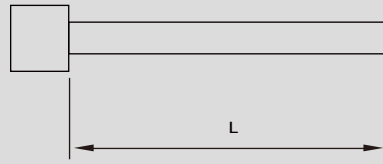
Dimensions (mm)					
NS	①	②	③	④	⑤
2.5"	57	66	15	55	91
3"	72	84	17	57	93
4"	101	119	18	58	94
5"	114	130	18	58	94
6"	140	160	18	58	94

# CONNECTION DESIGN

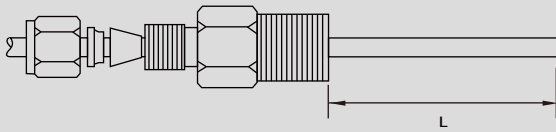
Male thread



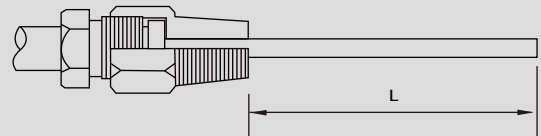
Plain stem



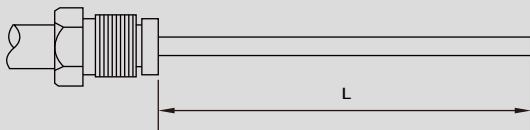
Compression fitting (sliding on stem)



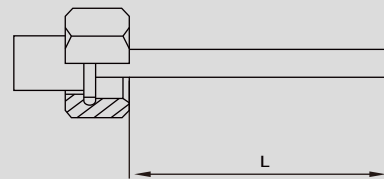
Union nut and loose threaded connection



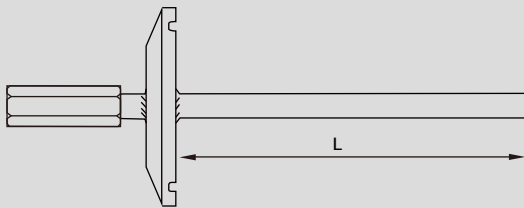
Male nut



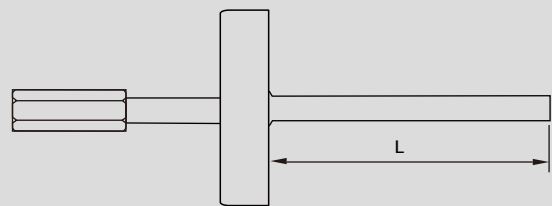
Union nut

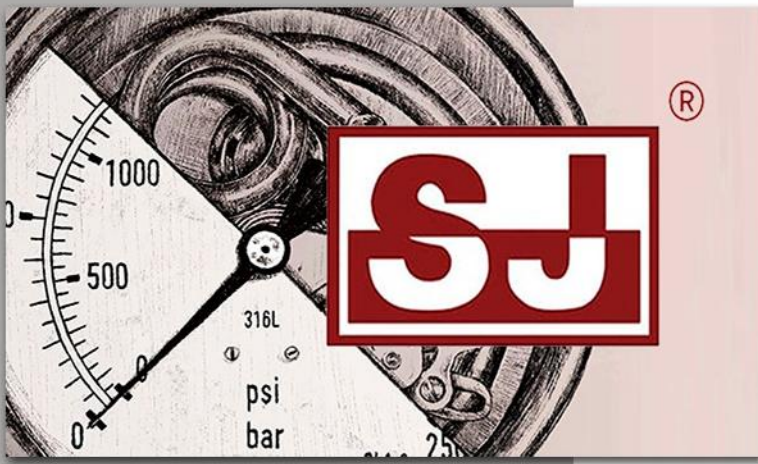


Sanitary end cap



Flange on stem





# rsIMAC

*Elementos For Manufacturing Purposes*



## **MEXICO BRANCH OFFICE**

Roberto Diaz No. 401  
Ciudad Industrial  
Aguascalientes, Ags.  
México  
20290

[4ManPro@4ManPro.com](mailto:4ManPro@4ManPro.com)

+52 (449) 171 3420  
[www.4ManPro.com/SPA/](http://www.4ManPro.com/SPA/)

## **USA BRANCH OFFICE**

708 Main St.  
10<sup>th</sup> Floor  
Houston, Tx, USA  
77002

[4ManPro\\_USA@4ManPro.com](mailto:4ManPro_USA@4ManPro.com)

+1 (832) 871 5022  
[www.4ManPro.com/ENG/](http://www.4ManPro.com/ENG/)