



Expansion Thermometer, Capillary

Model: MTR.S



PRODUCT DESCRIPTION

- ▼
Capillary length can be adjusted on demand for remote observation
- ▼
Made of stainless steel, measures temperatures up to 700°C

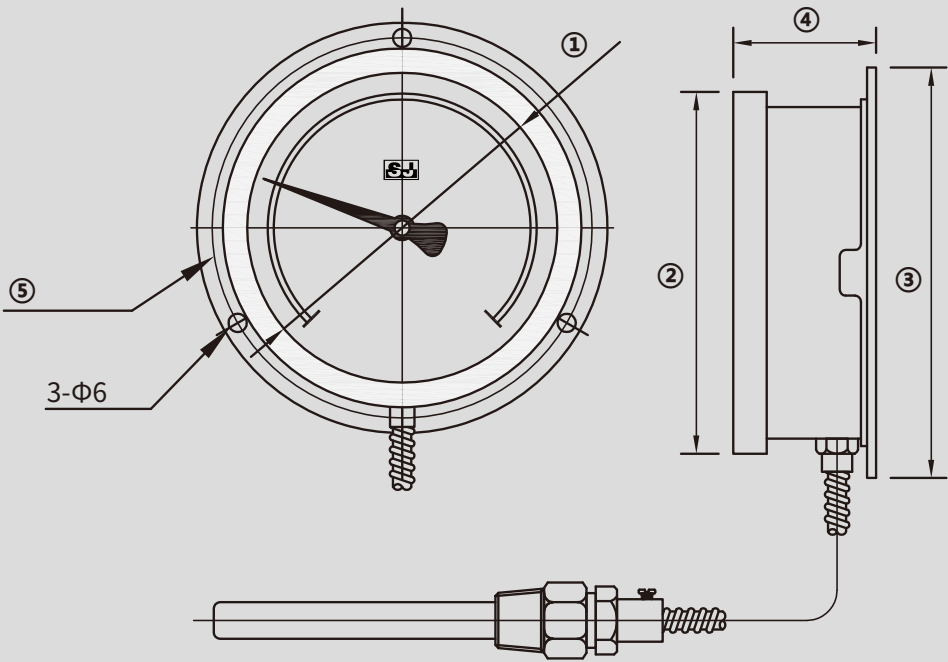
PRODUCT SPECIFICATION

Connection location Lower mount with surface mounting flange, 6" lower mount with surface mounting bracket (3 holes), back mount with panel mounting, back mount with U-clamp	Dial Aluminum alloy Black scale on white
Nominal size 2.5", 3", 4", 5", 6"	Pointer Black aluminum alloy
Scale ranges -50°C ... 700°C	Filling liquid Without, glycerine, silicone oil
Accuracy CL 1.0	Ambient temperature -20°C ... 70°C
Process connection 304 SS, 316 SS 1/4, 3/8, 1/2, 3/4 PT, G, NPT, M	Accessories (option) Thermowell, drag pointer, spacer, cable with signal output PT100
Sanitary end cap 1", 1 1/2", 2", 2 1/2", 3", 4"	IP rating IP65
Connection designs Union nut and loose threaded connection, male thread, plain stem, compression fitting (sliding on stem), male nut, union nut, sanitary end cap, flange on stem	
Stem 304 SS, 316 SS Length: Above 50 mm (without thread) can be customized Diameter: 6.35, 8, 9.5, 10, 12 mm	
Capillary Sheathing: 304 SS, PVC, without Length: 0.2 M ... 20 M	
Case/Ring 304 SS, 316 SS	
Window Glass, safety glass	

The product images displayed in the catalog are illustrative, and the actual products will be customized to your requirements.

DIMENSIONS

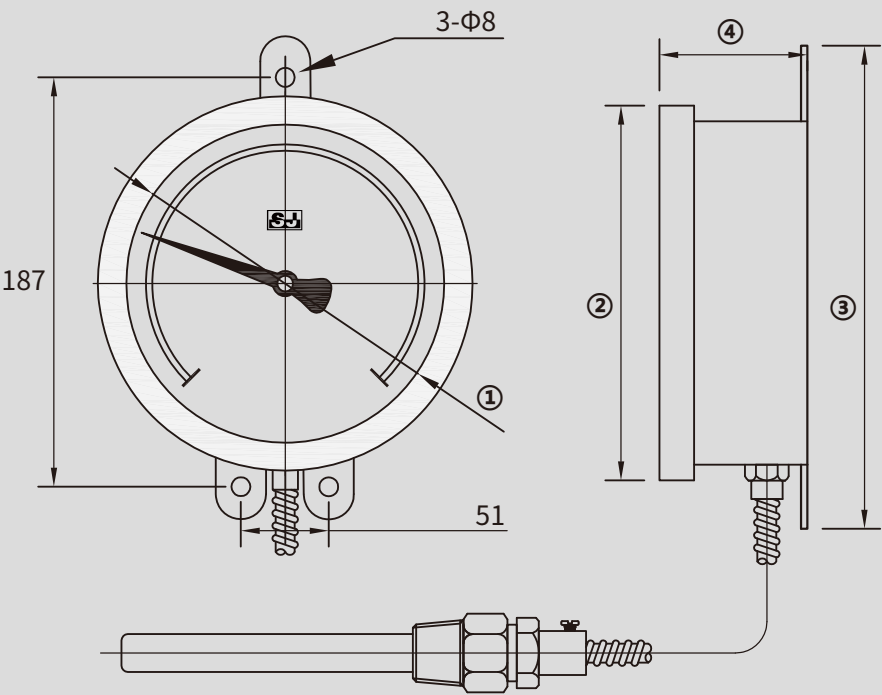
Lower mount with surface mounting flange



Dimensions (mm)					
NS	①	②	③	④	⑤
2.5"	55	64	88	40	75
3"	70	85	102	47	91
4"	102	119	137	48	123
5"	110	127	145	51	131
6"	140	160	191	47	176

DIMENSIONS

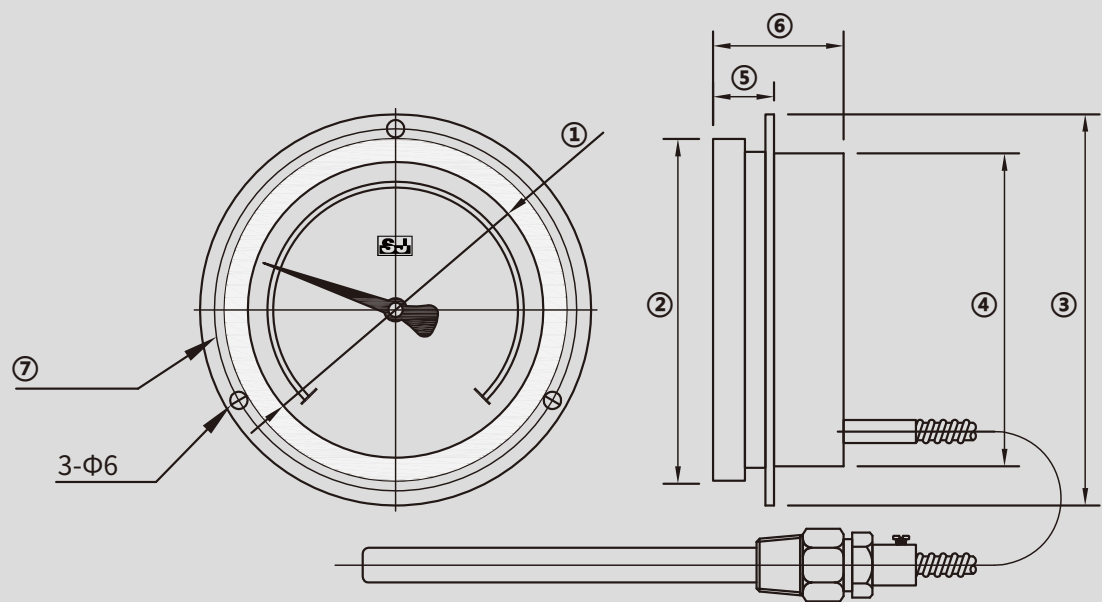
6" lower mount with surface mounting bracket (3 holes)



Dimensions (mm)				
NS	①	②	③	④
6"	140	160	210	47

DIMENSIONS

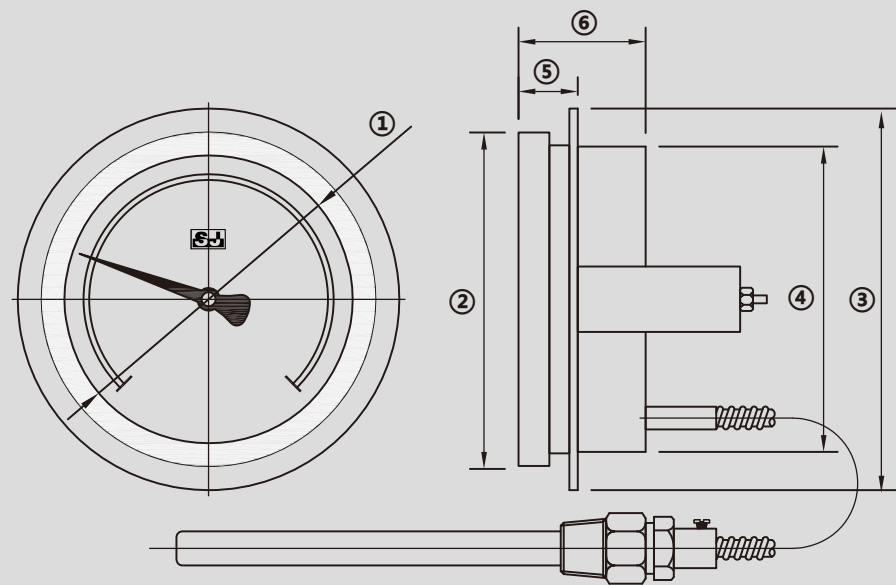
Back mount with panel mounting



Dimensions (mm)							
NS	①	②	③	④	⑤	⑥	⑦
2.5"	55	64	88	63	16	40	75
3"	70	85	102	76	16	47	91
4"	102	119	137	108 / 99	22	48	123
5"	110	127	145	117	18	51	131
6"	140	160	191	148	18	47	176

DIMENSIONS

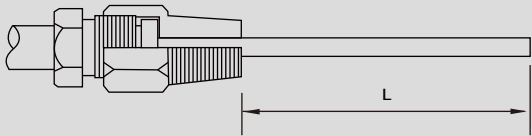
Back mount with U-clamp



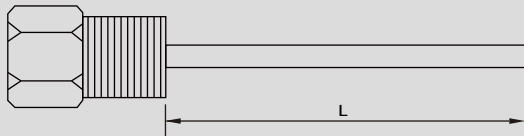
Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
2.5"	55	64	88	63	16	40
3"	70	85	102	76	16	47
4"	102	119	137	108 / 99	22	48
5"	110	127	145	117	18	51
6"	140	160	191	148	18	47

CONNECTION DESIGNS

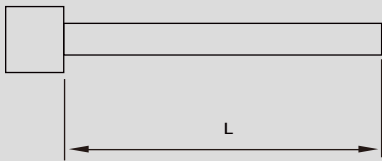
Union nut and loose threaded connection



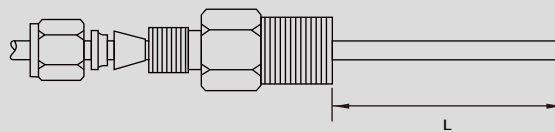
Male thread



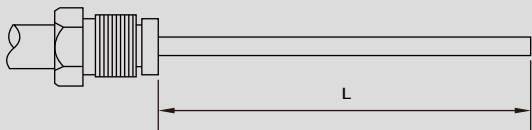
Plain stem



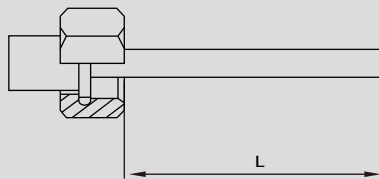
Compression fitting (sliding on stem)



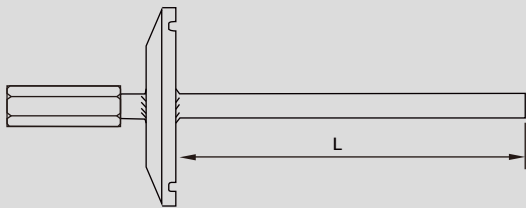
Male nut



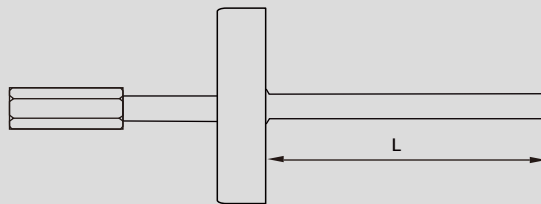
Union nut



Sanitary end cap



Flange on stem





Gauging your needs!

ORDERING INFORMATION

Model / Connection location / Nominal size / Scale range / Process connection / Connection design / Stem / Capillary / Case/Ring / Window / Filling liquid / Accessories / Options

CONTACT INFORMATION

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

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