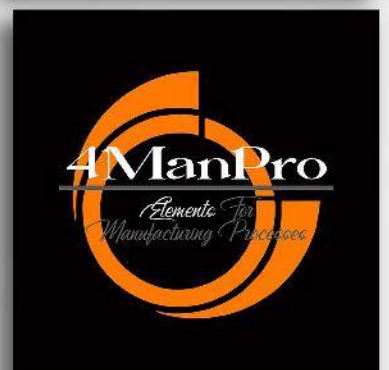




SJ PRSS

**STAILESS
STEEL
PRESSURE
GAUGE**



All stainless steel pressure gauge

Model: PRSS

Product Description

- For gaseous and liquid pressure media that are not highly viscous or crystallizing
- Liquid filled type available to avoid hard observation from pointer vibration
- Ideal for food and beverage, or other process engineering industries



Product Specification

Nominal size

2.5", 3", 4"

Scale ranges

0 ... 1 kg/cm² to 0 ... 1000 kg/cm², or
other equivalent units of pressure,
vacuum or compound

Accuracy

±1.6% F.S.

Process connection

316L SS

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

PT, G, NPT

Case/Ring

304 SS

Window

Polycarbonate (standard),
glass

Dial

Aluminum alloy, black scale on white

Pointer

Black aluminum alloy

Movement

Copper alloy

Bourdon tube

316L SS

Product Specification

Filling liquid

Without, glycerine, silicone oil

Accessories

2.5", 4": adjustable set pointer (options)

Pressure limitation

Steady: full scale value

Fluctuating: 0.9 x full scale value

Ambient temperature

-40°C ... 60°C (unfilled or silicone oil filled)

-20°C ... 60°C (glycerine filled)

Medium temperature

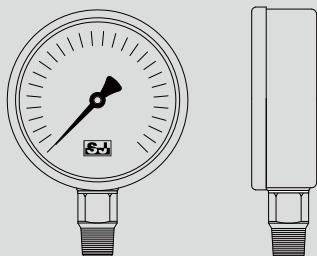
-40°C ... 150°C (unfilled)

-20°C ... 100°C (glycerine filled)

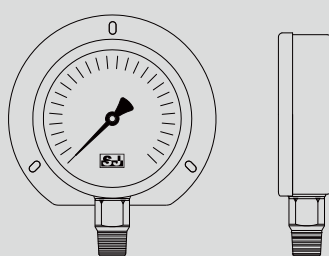
-40°C ... 100°C (silicone oil filled)

Connection Location

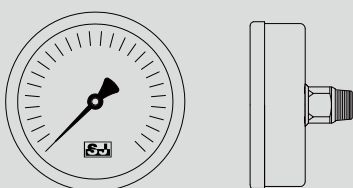
A-Bottom mount



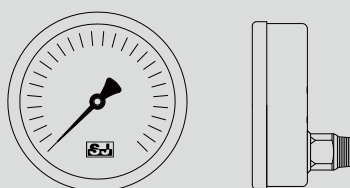
B-Bottom mount with flange



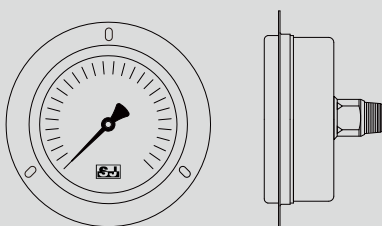
ADC-Center back mount



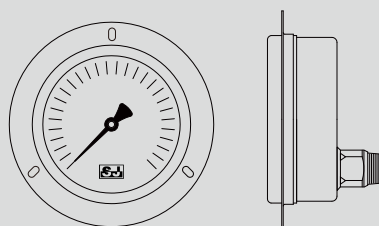
ADL-Lower back mount



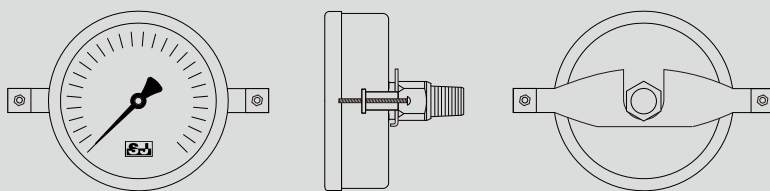
BDC-Center back mount with flange



BDL-Lower back mount with flange



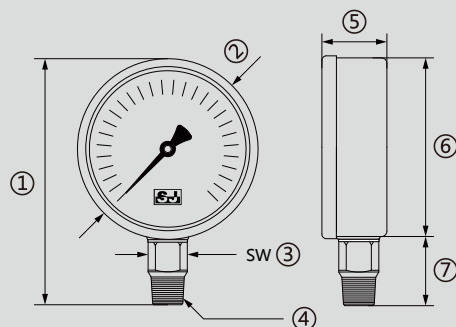
UDC-Center back mount with U-clamp



Connection location							
NS	A	B	ADC	ADL	BDC	BDL	UDC
2.5"	V	V	V	-	V	-	V
3"	V	V	V	-	V	-	V
4"	V	V	V	V	V	V	V

Dimensions

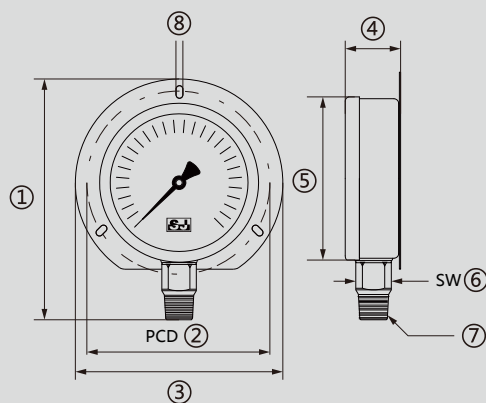
A-Bottom mount



Dimensions (mm)

NS	①	②	③	④	⑤	⑥	⑦
2.5"	92	71	14	1/4"	34	63	26
3"	118.2	85.2	18	3/8"	32	77.5	30
4"	140	110	22	1/2"	45	98.5	38

B-Bottom mount with flange

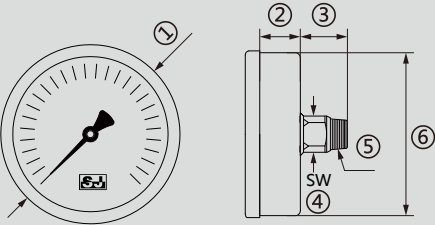


Dimensions (mm)

NS	①	②	③	④	⑤	⑥	⑦	⑧
2.5"	107	82.4	99.5	34	71	14	1/4"	6*4.4
3"	111.5	94	106.1	33	82.5	18	3/8"	6*7.5
4"	150.5	117	130	46.5	110	22	1/2"	4*3

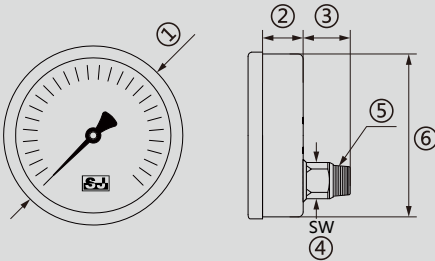
Dimensions

ADC-Center back mount



Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
2.5"	71	25	26	14	1/4"	63.5
3"	85.1	32	30	18	3/8"	77.5
4"	110	28	38	22	1/2"	98.5

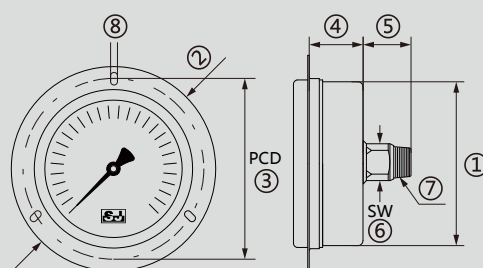
ADL-Lower back mount



Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
4"	110	28	38	22	1/2"	98.5

Dimensions

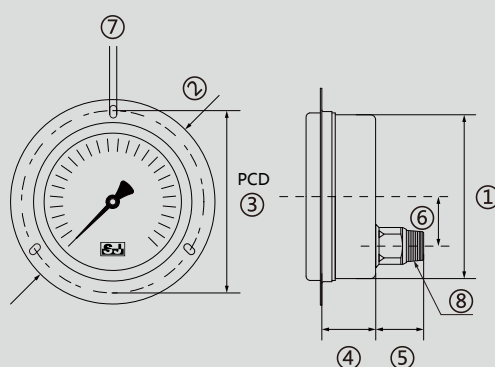
BDC-Center back mount
with flange



Dimensions (mm)

NS	①	②	③	④	⑤	⑥	⑦	⑧
2.5"	65	87.5	80.5	25	26	14	1/4"	4.5*3
3"	80	110	96	23	30	18	1/4"	4.5*3
4"	101	132.5	117	28	38	22	1/2"	6*3

BDL-Lower back mount with flange

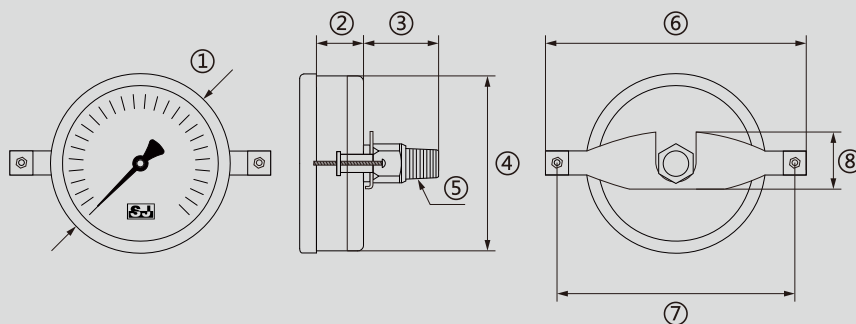


Dimensions (mm)

NS	①	②	③	④	⑤	⑥	⑦	⑧
4"	101	132.5	117	30	35	22.5	8*3	1/2"

Dimensions

UDC-Center back mount with U-clamp



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
2.5"	71	25	26	63.5	1/4"	96	88	28.5
3"	85.1	32	35	80	1/4"	135	127	44
4"	110	28	38	98.5	1/2"	135	127	44

✂ Ordering information:

Model / Connection location / Nominal size / Scale range / Process connection / Filling liquid / Options

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



4ManPro

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