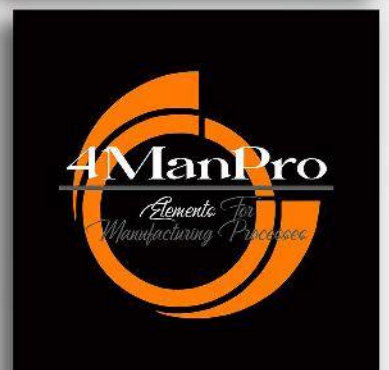




SJ PRS



**PRESSURE
GAUGE
WITH STAINLESS
STEEL CASE**



Stainless Steel Case Pressure Gauge

Model: PRS

Product Description

- For liquid or gaseous pressure media that will not attack copper alloy parts
- Prepared for liquid filling for applications with high dynamic pressure loads or vibrations
- Suitable for pumps, compressors, hydraulics or other indoor and outdoor applications



Product Specification

Nominal size

1.5", 2", 2.5", 3", 4"

Scale ranges0 ... 1kg/cm² to 0 ... 1000kg/cm², or other equivalent units of pressure, vacuum or compound**Accuracy**

1.5", 2": ±2% F.S.

2.5", 3", 4": ±1.6% F.S.

Process connection

Brass or chromium plated brass

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

Copper alloy

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)

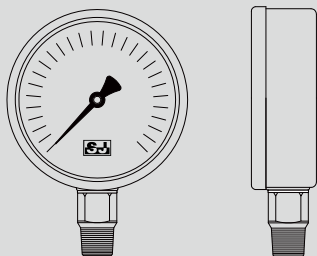
-20°C ... 60°C (glycerine filled)

Medium temperature

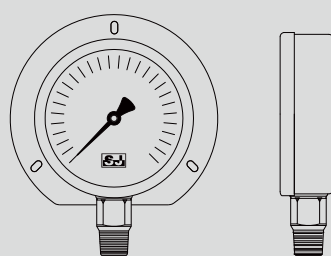
60°C maximum

Connection Location

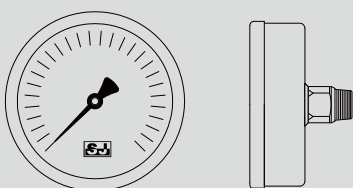
A-Bottom mount



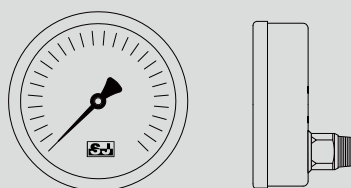
B-Bottom mount with flange



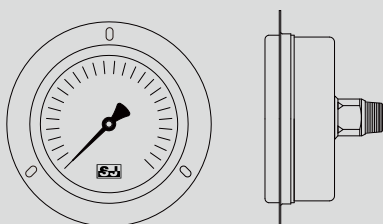
ADC-Center back mount



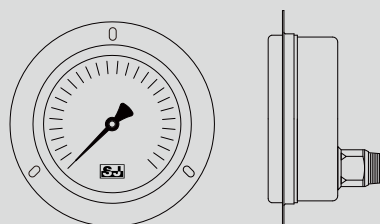
ADL-Lower back mount



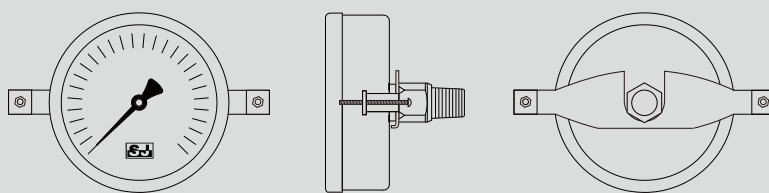
BDC-Center back mount with flange



BDL-Lower back mount with flange



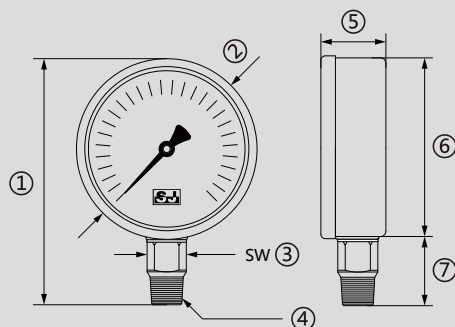
UDC-Center back mount with U-clamp



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

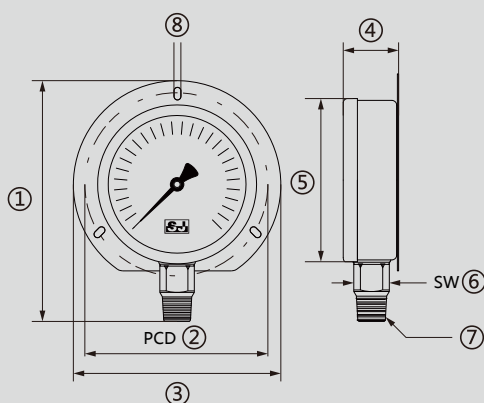
Dimensions

A-Bottom mount



Dimensions (mm)							
NS	①	②	③	④	⑤	⑥	⑦
1.5"	60	48	12	1/8"	28	41.8	16
2"	78.5	57	14	1/4"	29.5	50.5	25
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

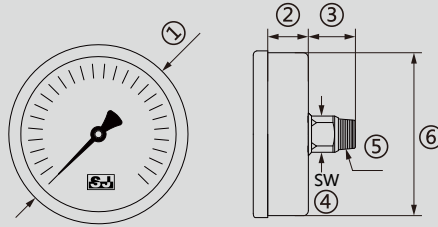
B-Bottom mount with flange



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

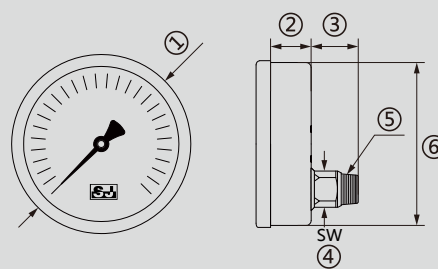
Dimensions

ADC-Center back mount



Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
1.5"	48	22	16	12	1/8"	41.8
2"	57	22	21	14	1/4"	50.5
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

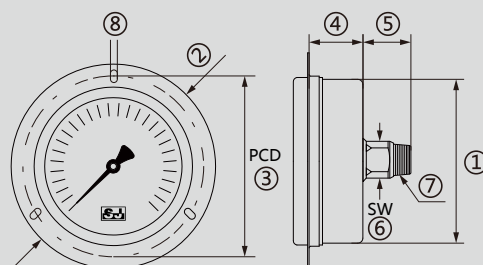
ADL-Lower back mount



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

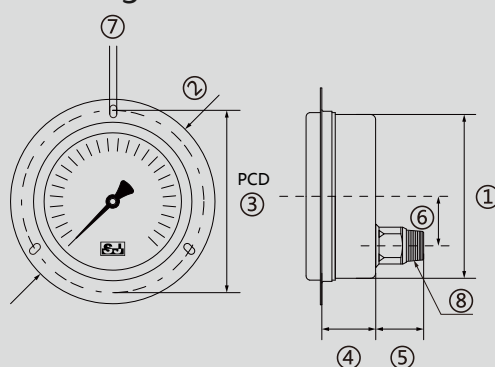


Dimensions (mm)

NS	①	②	③	④	⑤	⑥	⑦	⑧
1.5"	44	62.7	55.5	22	16	12	1/8"	4*3
2"	52.5	71.5	64.5	21	22	14	1/4"	4*4
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

① The width of the overlap between the edge and the shell is included.

BDL-Lower back mount
with flange

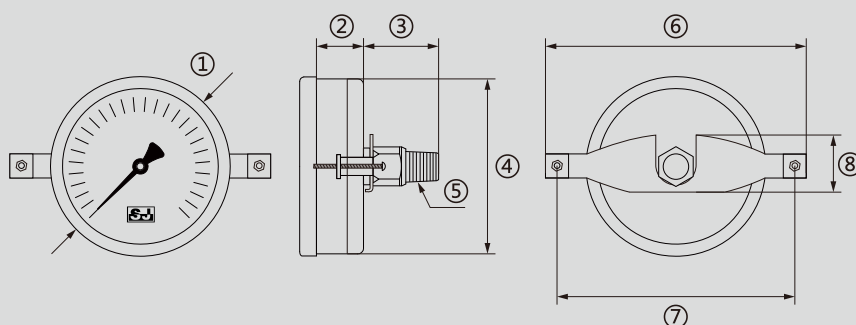


Dimensions (mm)

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
1.5"	48	22	21	41.8	1/4"	70	62	27.5
2"	57	22	21	50.5	1/4"	80	72	28
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

*Elements For
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