

# Stainless Steel Low Pressure Gauge

Model: PRSM

## Feature of Product

- Measure small positive and negative pressure changes
- Less than 0.5kg/cm<sup>2</sup>
- With zero adjustment



## Product Specification

**Nominal size**

2.5"、3"、4"

**Thread size**

1/4"、3/8"、1/2"

**Thread type**

PT、PF、NPT

**Pointer**

Black aluminum alloy

**Case**

304 stainless steel

**Accuracy**ASME B40.1 grade B  $\pm 3/2/3\%$ **Thread material**

Phosphor bronze or brass

**Movement**

Brass

**Window**

2.5": Acrylic; 3", 4": glass

**Dial**Aluminum alloy  
(single or double scale)**Capsule element**

Phosphor bronze or brass

**Permissible temperature**

-20°C~60°C



## Product Specification

### Permissible pressure

For stable pressure source: 75% F.S.

For unstable pressure pulse: 60% f.s.d.

### Pressure range

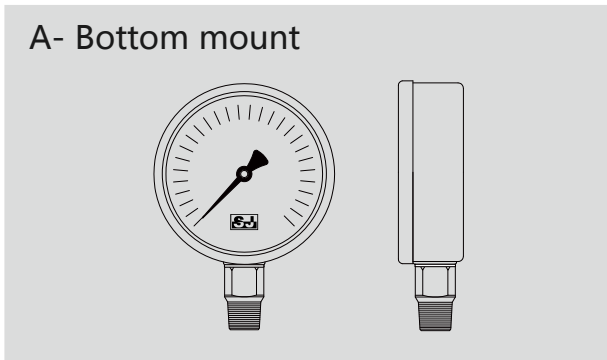
-5000mmAq Vac. ~ 5000mmAq (mmH<sub>2</sub>O)

Positive pressure minimum 300mmAq

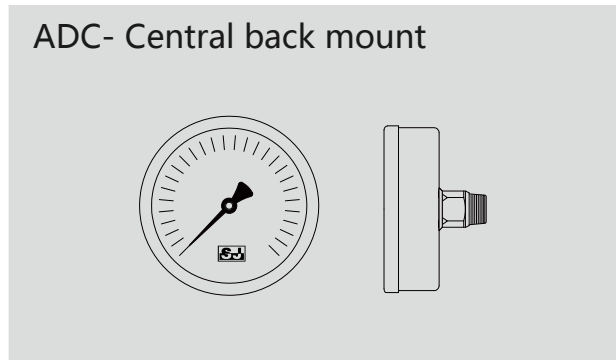
Minimum negative pressure 300mmAq

## Type of Mounting

A- Bottom mount



ADC- Central back mount



| NS \ Code | A | ADC |
|-----------|---|-----|
| 2.5"      | ✓ | ✓   |
| 3"        | ✓ | —   |
| 4"        | ✓ | —   |

# Codes for Custom Order Configurations

|  |                               |   |    |   |    |          |   |    |
|--|-------------------------------|---|----|---|----|----------|---|----|
| <b>Ex:</b>                             | PRSM -                        | A | 63 | 4 | PT | 5000mmAq | N | +A |
| <b>Mounting type</b>                   |                               | A |    |   |    |          |   |    |
| A                                      | - Bottom mount                |   |    |   |    |          |   |    |
| ADC                                    | - Central back mount          |   |    |   |    |          |   |    |
| <b>Nominal size</b>                    |                               |   | 63 |   |    |          |   |    |
| 63                                     | - 2.5"                        |   |    |   |    |          |   |    |
| 75                                     | - 3"                          |   |    |   |    |          |   |    |
| 100                                    | - 4"                          |   |    |   |    |          |   |    |
| OT                                     | - Other                       |   |    |   |    |          |   |    |
| <b>Thread size</b>                     |                               |   |    | 4 |    |          |   |    |
| 2                                      | - 1/4"                        |   |    |   |    |          |   |    |
| 3                                      | - 3/8"                        |   |    |   |    |          |   |    |
| 4                                      | - 1/2"                        |   |    |   |    |          |   |    |
| +OT                                    | - Other                       |   |    |   |    |          |   |    |
| <b>Thread type</b>                     |                               |   |    |   | PT |          |   |    |
| PT                                     | - PT                          |   |    |   |    |          |   |    |
| PF                                     | - PF                          |   |    |   |    |          |   |    |
| NPT                                    | - NPT                         |   |    |   |    |          |   |    |
| <b>Pressure range (including unit)</b> |                               |   |    |   |    | 5000mmAq |   |    |
| <b>Whether to specify the unit</b>     |                               |   |    |   |    |          | N |    |
| Y                                      | - Yes, specify the unit above |   |    |   |    |          |   |    |
| N                                      | - No, accept the other unit   |   |    |   |    |          |   |    |
| <b>Other demands</b>                   |                               |   |    |   |    |          |   | +A |
| +A                                     | - None                        |   |    |   |    |          |   |    |
| +B                                     | - Additional order details    |   |    |   |    |          |   |    |

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

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