

Differential Level Pressure Gauge

Model: PRLD

Feature of Product

- Able to use in cryotechnology and filtration situation for monitor.
- For gaseous and liquid media that are not highly viscous.
- Maximum unilateral static pressure 5MPa



Product Specification

Nominal size

Upper: 150mm
Lower: 100mm

Accuracy

Upper: 1.6
Lower: 2.5

Thread

G1/4"

Movement

Stainless steel

Pointer

Black aluminum alloy

Window

PC

Case/bezel

304SS

Dial

Aluminum alloy

Sensing

NBR, Stainless steel 316

Permissible temperature

-40°C~80°C

-40°C~60°C degreased

Protection level

IP65

Product Specification

Measuring range

Top Nominal : 0-4kPa 至 0-160kPa

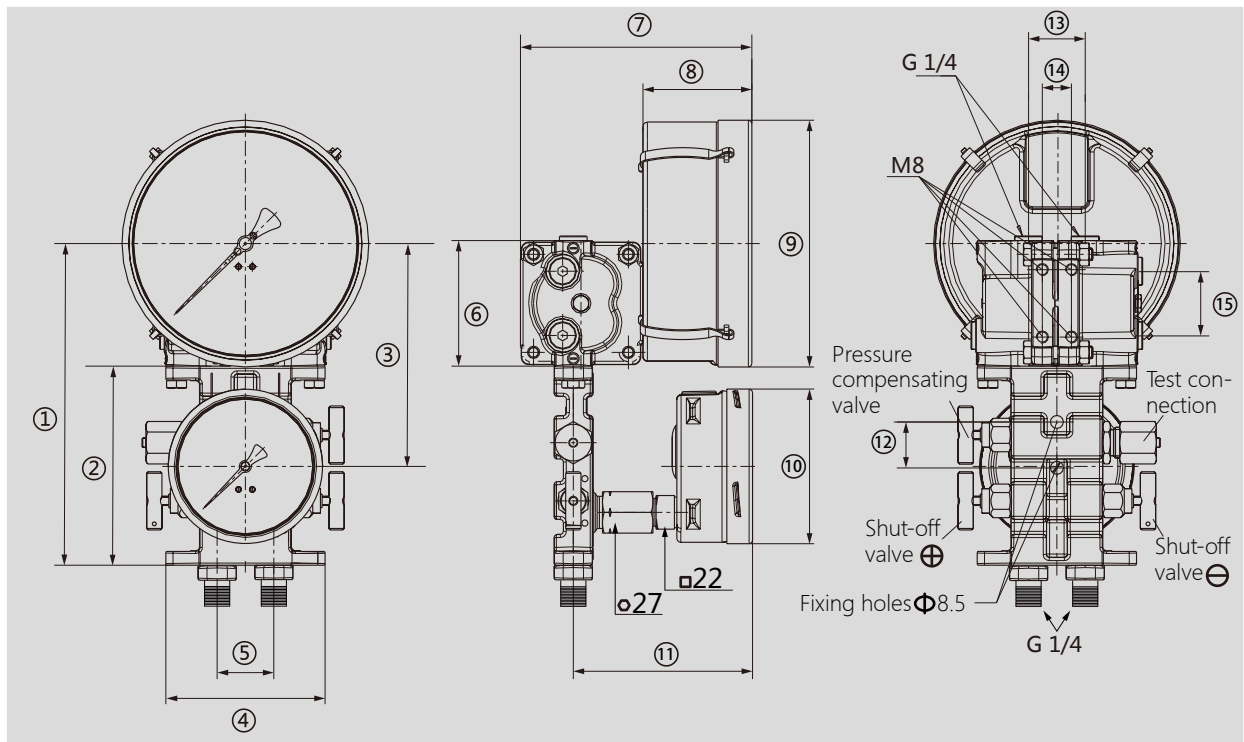
Down Nominal : 0-4kPa 至 0-400kPa

Pressure range

Unilateral static pressure : 5MPa

Bilateral static pressure : 5MPa

Dimensions



Unit:mm

Code NS	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
6"	210	130	146	104	37	82	71	197	161	101	117	30	37	19	42

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

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Installation and use

1. Differential pressure gauge and Valve unit is connected by screw bolt, able to use O-ring sealing screw bolt. Valve unit and measuring system pipeline connected by screwed joint and locknut, please use soft copper gasket for sealing.
2. If your differential pressure gauge already have Valve unit, before using, must make sure Valve unit Top right side Balance valve is open, also need to turn on valve unit right down side high pressure valve P+ and left down side low pressure valve P-. When P+ and P- pressure get in differential pressure gauge normally, Balance valve will be able to balance two chamber pressure to protect differential pressure gauge.
3. When P+ and P- pressure get in differential pressure gauge, The differential pressure gauge have not accurate situation is normal, open the top frame will be able to re-zero (Attention! Must do leakage test to all connector, make sure all connector is tight up and no leakage.)
4. Last close the balance valve, let the differential pressure gauge work.

Valve unit disassemble and replace

1. Turn on balance valve on valve unit top right side, also turn on valve unit right down side high pressure valve P+ and left down side low pressure valve P-. (High and low pressure valve original should be on turn on position)
2. Turn off two valve on main air inlet port. (On equipment main pipe.)
3. Use spanner is able to remove differential pressure gauge from valve unit.
4. Use spanner installation new differential pressure gauge to the valve unit, at the same time suggest to replace new O-ring, to make sure the connected part is sealing.
5. Turn on high pressure valve P+ and low pressure valve P- first. When P+ and P- pressure get in differential pressure gauge, The differential pressure gauge have not accurate situation is normal, open the top frame will be able to re-zero.

Installation

Standard for cryo containers 2 examples for containers with separate condensate vessel (liquefied gases)

