

Differential Pressure Gauge, All-metal Media Chamber

Mechanical
Pressure Gauge

Model: PRDC

Product Description

- Feature a highly corrosion-resistant all-metal construction and measuring cell protected against tampering
- Used for pump monitoring and control, filter monitoring and level measurement
- For gaseous and liquid aggressive media that are not highly viscous or crystallizing, also in aggressive environments



Product Specification

Connection location

Lower mount

Process connection

2 x G1/4, female

Nominal size

4", 6"

Case/Ring

304 SS (standard), 316 SS

Scale ranges

0 ... 1.6 kPa to 0 ... 25 bar

Window

Safety glass

Static pressure

Max. operating pressure 2.5...40 bar

Pointer

Adjustable pointer, aluminum, black

Influence of static pressure

- Span ≤ 0.25 bar: ± 0.3 %/1 bar
- Span > 0.25 bar: ± 0.04 %/1 bar

Movement

304 SS

Accuracy

± 2.5 % F.S. (standard), ± 1.6 % F.S.

Case filling

Without, glycerine, silicone oil



Wetted part

316 SS

Type of measuring element

Diaphragm element, 316 SS

Ambient temperature

-20°C ... 60°C

Medium temperature

-20°C ... 100°C

Temperature error

(On deviation from the reference conditions at the measuring system)
 $\leq \pm 0.5 \%$ per 10 °C of full scale value
(Reference conditions +20 °C)

IP rating

IP54 (standard)

IP65 (for instrument with case filling)

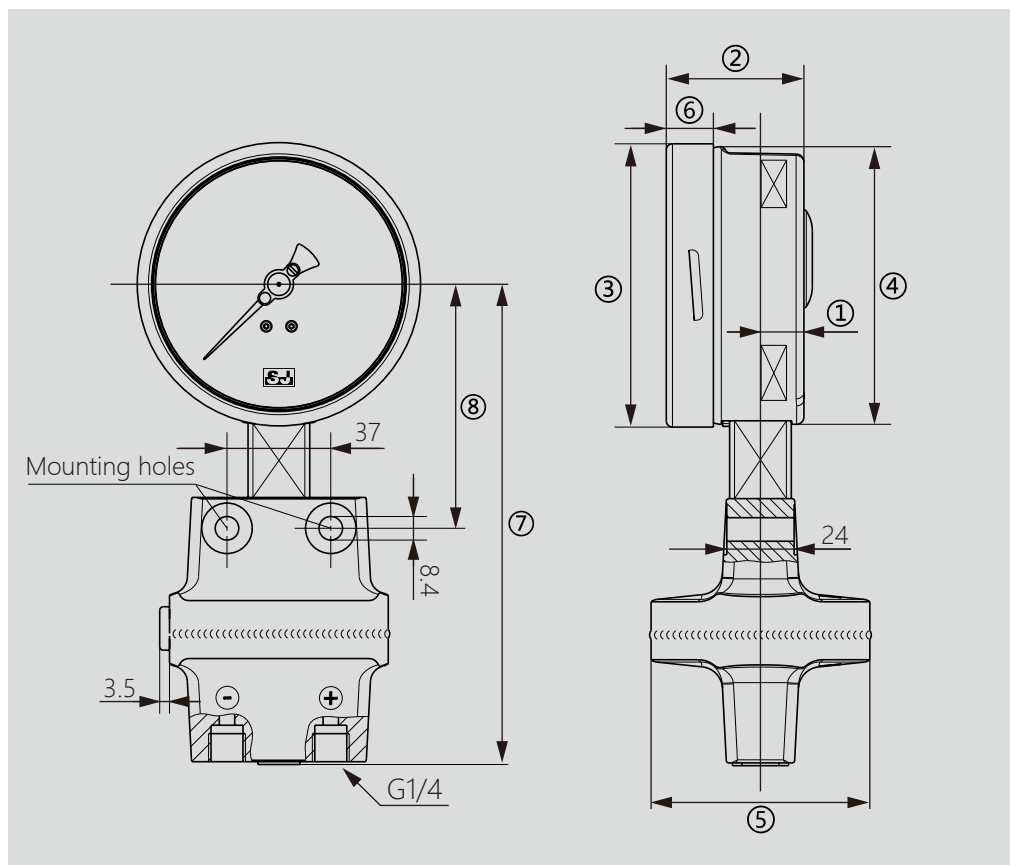
Overload safety

2.5...40 bar

Accessories(Options)

With blow-out device, with compensating valve, valve manifold, mounting bracket for wall or pipe mounting

Dimensions



Dimensions (mm)									
NS	Span	①	②	③	④	⑤	⑥	⑦	⑧
4"	≤0.25bar	16.5	49	100	99	75	16.5	165	80
	>0.25bar	16.5	49	100	99	90	16.5	165	80
6"	≤0.25bar	16.5	50	160	158	75	16.5	195	110
	>0.25bar	16.5	50	160	158	90	16.5	195	110

※ **Ordering information**

Model / Nominal size / Scale range / Static pressure / Process connection / Options

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



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