

# SJ PRLD







DIFFERENTIAL PRESSURE METER FOR CRYOGENIC TANKS

## Differential Pressure Gauge, Cryogenic Tanks

Model: PRLD

## **Product Description**

- Supports cryotechnology; applicable for measuring low-temperature mediums
- Oil free is available for measuring special gases such as flammable and explosive gases
- Commonly used to measure closed tank truck liquid levels for oil, liquid nitrogen and other materials; also useful for filter monitoring



Fig. top: Differential pressure gauge model PRLD Fig. bottom: Option valve manifold with working pressure indication

## **Product Specification**

#### **Nominal size**

6"

#### Scale range

0 ... 4 kPa to 0 ... 400 kPa

#### Static pressure

Max. working pressure 50 bar on either side (according to the scale range)

#### Accuracy

±2.5% F.S., ±1.6% F.S., ±1.0% F.S.

#### **Process connection**

2 x G 1/4 (F), centre distance 37 mm

### **Wetted part**

Measuring cell flanges: copper alloy

Compression spring: 304 SS Separating diaphragm: NBR Transmission parts: 304 SS

## Case/ring

304 SS

#### Window

Polycarbonate (PC)

#### Dial

Aluminum, black scale on white

#### **Pointer**

Adjustable pointer, black aluminium



## **Product Specification**

#### Movement

304 SS

## **IP** rating

IP 65

## **Medium temperature**

-40°C ... +60°C with oxygen

-40°C ... +80°C

## **Ambient temperature**

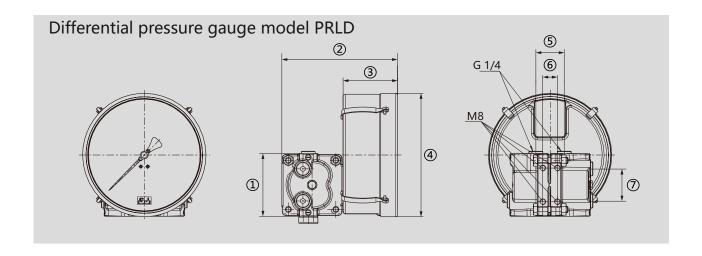
-40°C ... +60°C with oxygen

-40°C ... +80°C

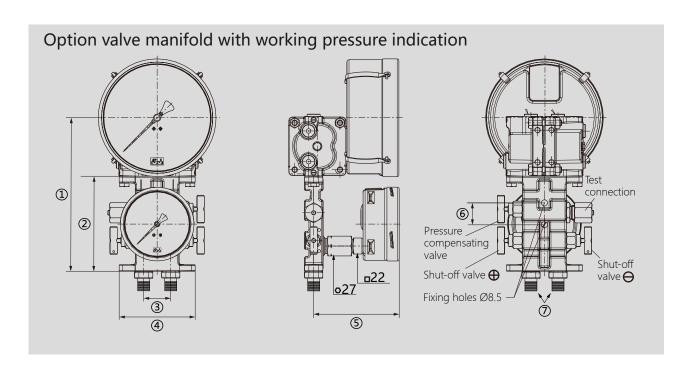
## **Accessories (Options)**

Valve manifold (wetted) with 4" or 6" working pressure indication, switch contacts, oxygen application, adapter for process connection

## **Dimensions**



Dimensions (mm)							
NS	1	2	3	4	(5)	6	7
6"	82	71	197	161	37	19	42



Dimensions (mm)							
Option	1	2	3	4	(5)	6	7
	210	130	37	104	117	30	G 1/4

Ж	<b>Ordering</b>	information	n

Model / Scale range / Process connections with centre distance / Options

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







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