

Digital Pressure Gauge

SPT 900DG

Gauge Pressure (G) & Absolute Pressure (A)
Wide Pressure Range from -1 to 1000 bar
Large LCD Screen Display with Backlight
2 x AAA Batteries with Low Power Consumption

Process Precision Instruments

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Maharashtra, India

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Salient Features

- Fixed-mount Digital Replacement for Conventional Dial-type Gauges
- Ideal for Gas or Liquid Compatible with SS 304 / 316L, Fluorine Rubber or Nitrile Rubber
- Large Backlit LCD Display with Pressure Value in Variety of Units, Percentage Bar Graph, and Battery Level Indication
- Long Battery Life with Ultra-low Power Consumption: Less than 2 mA (operation), Less than 5 μ A (shutdown)
- Wide Pressure Range From -1 to 1000 bar
- Pressure Form: Gauge Pressure (G) & Absolute Pressure (A)
- Accuracy: $\pm 0.25\%$ F.S. (Typical)
- Operating Ambient Temperature: -20°C to $+60^{\circ}\text{C}$
- Process Connection: $\frac{1}{4}$ " BSP, $\frac{1}{2}$ " BSP, $\frac{3}{4}$ " BSP, 1" Triclover Flange
- Power Supply: 2 x AAA Batteries

General Information

Product Type Digital Pressure gauge

Ordering Code

SPT 900DG- -

Pressure Connections (BSP)

A : $\frac{1}{4}$ ", B : $\frac{1}{2}$ ", C : $\frac{3}{4}$ ", D : 1" Triclover

Pressure Range

Refer Table 1

Example : SPT 900DG-A-4

Connection : $\frac{1}{4}$ ", Range : 0 to 1 Bar

Quantity 1 Unit

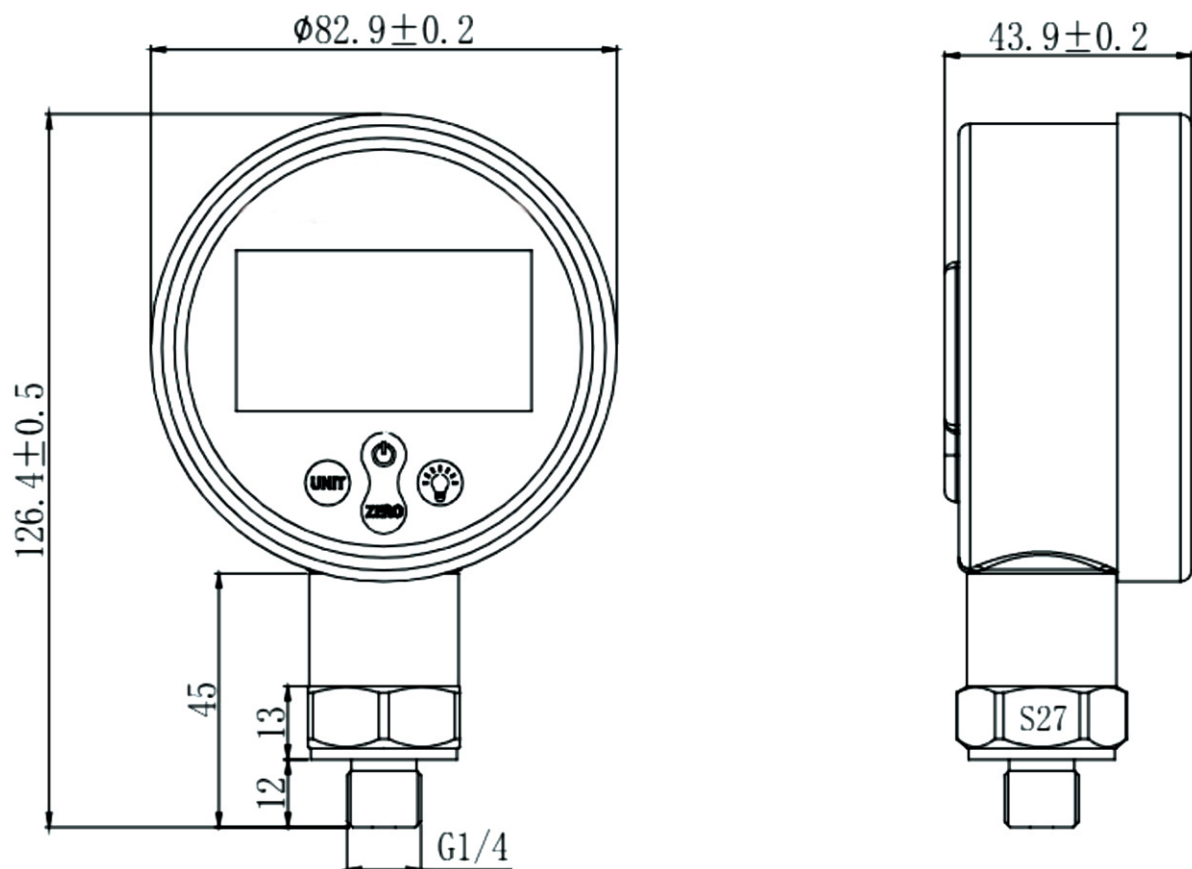
General Specifications

Working Temperature	-20 to 60 °C
Storage Temperature	-20 to 60 °C
Power Supply	2 x AAA Batteries
Current Consumption	Working Current < 2 mA; Shutdown Current < 5 μ A

Pressure Specifications

Measurement Range	-1 to 1000 Bar
Overload Pressure	1.5 Times Rated Pressure
Accuracy	$\pm 0.25\%$ F.S. Measured at 25 °C, including the comprehensive accuracy of linearity, repeatability and hysteresis.
Stability	< 0.25 % F.S. / Year
Measurement Medium	Gas or Liquid Compatible with SS 304 and 316L Stainless Steel, Fluorine Rubber or Nitrile Rubber
Pressure Connection	1/4" BSP, 1/2" BSP, 3/4" BSP, 1" Triclover Flange
Pressure Form	Gauge Pressure (G) & Absolute Pressure (A)

Dimensions (mm)



Standard Ranges

Table 1

Ordering Code	Pressure Range
1	0 to 0.1 Bar
2	0 to 0.25 Bar
3	0 to 0.5 Bar
4	0 to 1 Bar
5	0 to 2 Bar
6	0 to 4 Bar
7	0 to 6 Bar
8	0 to 10 Bar
9	0 to 16 Bar
10	0 to 25 Bar
11	0 to 30 Bar
12	0 to 40 Bar
13	0 to 50 Bar
14	0 to 80 Bar
15	0 to 100 Bar

Ordering Code	Pressure Range
16	0 to 200 Bar
17	0 to 500 Bar
18	0 to 600 Bar
19	0 to 1000 Bar
20	-1 to 0 Bar
21	-1 to 3 Bar
22	-1 to 6 Bar
23	-1 to 15 Bar
24	-1 to 20 Bar
25	-1 to 34 Bar

Non Standard Ranges on Request.

Process Precision Instruments (An ISO 9001 : 2008 Company)

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