

Differential Pressure Gauges:

Model No	1091-DIFFPG-100 WC/EC	1091-DIFFPG-150 WC/EC
Dial size	4"	6"
Accuracy	STD 1.5% of FSD Optional 1% of FSD	STD 1.5% of FSD Optional 1% of FSD



TECHNICAL SPECIFICATION:

Differential pressure gauges are used to measure the difference in pressure between two sources. Differential pressure gauges work on the principle that the deflection of the sensing element depends on the difference of the pressure on either side of the element. The high pressure is applied to one side of the element and the low pressure on the other. The difference of pressure results in the deflection of the element, which is translated into a rotational motion and transferred to the pointer mechanism.

Range	250mmWC to 4000MMWC Optional-0 to 10Kg/cm ²
Optional measuring units	PSI, bar
Wetted Parts	SS316L
Sensing Element	Diaphragm
Over pressure protection	130% of FSD Optional 150% of FSD (For Short Duration of up to 1 minute)
Storage Temperature for Std Gauge	-40°C to + 70°C
Operating Temperature of the Fluid under Pressure	-20°C to + 60°C
Static Pressure	60Kg
With Contact type	Available
Contact Rating	Voltage Max 380V/Capacity = 30W - 50VA Max 1A
Contact option	1 NO, 1NC, 1NO+ 1NC, 1NC+1NO, 2NO, 2NC
Accuracy	2% of FSD