

DIFFERENTIAL PRESSURE GAUGE DPG5000

Combine With Switch Available

Weather Proof, Diaphragm Type

Range Available: 0-1-7 kg/cm² (0-15-100 PSI)

DPG5000 series consist of high and low pressure ports. Spring and diaphragm as well as magnet couple with pointer. Differential pressure indicated on dial due to ΔP pressure of high side and low side be made from magnet couple with pointer. It could combine with micro switch or reed switch for using in controller system.

Technical Data

Dial Size: $\phi 4''$, $\phi 6''$

Accuracy: $\pm 2\%$ F.S (Ascending)

Switch Data: One SPDT micro switch, 3 Amps 125/250V, others are on request.

Housing: Die cast aluminum alloy with paint, SS316 available

Housing Protection: IP65

Electronic Connection: Standard $\frac{1}{2}''$ NPT female; $\frac{3}{4}''$ NPT female available

Pressure Element: Diaphragm – Viton ; other parts all in SS316

Process Connection: $\frac{1}{2}''$ or $\frac{1}{4}''$ NPT female

Working Pressure: 200 kg/cm²

Working Temperature: 80°C

Range Selection Table

Code	Adjustable Range	
04R	0~4 psi	0~0.25 kg/cm ²
07R	0~7 psi	0~0.5 kg/cm ²
09R	0~9 psi	0~0.6 kg/cm ²
12R	0~12 psi	0~0.8 kg/cm ²
17R	0~17 psi	0~1.2 kg/cm ²
30R	0~30 psi	0~2 kg/cm ²
40R	0~40 psi	0~2.5 kg/cm ²
60R	0~60 psi	0~4 kg/cm ²
100R	0~100 psi	0~7 kg/cm ²

NOTE. If you need Flow Scale, please contact with factory.

Ordering Information

DPG5000	Code	Dial Size	
	A	$\phi 4''$	B $\phi 6''$
		Code	Range
		04R	0~4 psi
		07R	0~7 psi
		09R	0~9 psi
		12R	0~12 psi
		17R	0~17 psi
		30R	0~30 psi
		40R	0~40 psi
		60R	0~60 psi
		100R	0~100 psi
		Code	Wetted Parts Material
		A	SS316
		Code	Process Connection
			(1) $\frac{1}{2}''$ NPT Female (2) $\frac{1}{4}''$ NPT Female
		Code	Electronic Connection
			(E) $\frac{3}{4}''$ NPT Female (F) $\frac{1}{2}''$ NPT Female, standard (0) Without
		Code	Control Form
		1	One SPDT
		2	4~20mA
		0	Option
		Code	Housing Material
		1	Aluminum alloy with paint
		2	SS316
DPG5000			
Complete Ordering Code			



Dimensions

