

# DIFFERENTIAL PRESSURE GAUGE

## DPG4000

**Combine With Switch or 4~20mA Output Signal Available**  
**Weather Proof, Piston Type**  
**Range Available: 0-0.6-14 kg/cm<sup>2</sup> (0-9-200 PSI)**

DPG4000 series consist of high and low pressure ports. Spring as well as magnet couple with pointer. Differential pressure indicated on dial due to  $\Delta P$  pressure of high side and low side be made from magnet couple with pointer. It could combine with micro switch for using in controller system.

### Technical Data

- Dial Size:**  $\phi 4"$
- Accuracy:**  $\pm 2\%$  F.S (on rising pressure)
- Switch Data:** One SPDT micro switch or Two SPDT micro switches, 5A/125VAC, 5A/250VAC, 2A/30VDC; Dead Band  $\pm 12\%$
- Output Signal:** 4~20mA, 2 wires, DC24V power supply
- Housing:** Die cast aluminum alloy with paint
- Housing Protection:** IP66
- Electronic Connection:** Standard  $\frac{1}{2}"$  NPT female;  $\frac{3}{4}"$  NPT female available
- Pressure Element:** Wetted parts all in SS316
- Process Connection:**  $\frac{1}{4}"$  NPT female; others with adaptor on request
- Working Pressure:** 200 kg/cm<sup>2</sup>  
(Both of High & Low side must be pressured on line at the same time.)
- Working Temperature:** max. 80°C

### Range Selection Table

Code	Range	
	psi	kg/cm <sup>2</sup>
09R	0~9	0~0.6
11R	0~11	0~0.75
14R	0~14	0~1
30R	0~30	0~2
40R	0~40	0~2.5
60R	0~60	0~4
100R	0~100	0~7
140R	0~140	0~10
200R	0~200	0~14



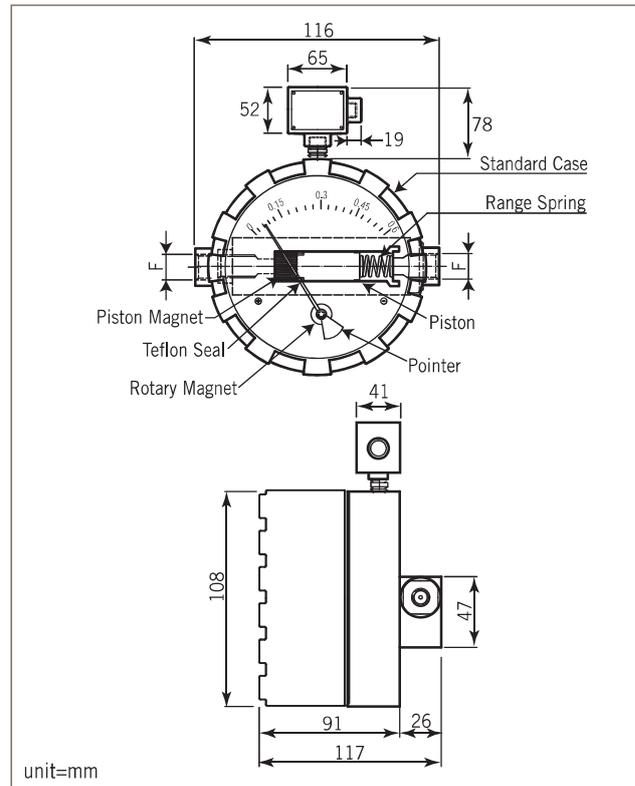
### Approvals:



### Patent No.

M449263  
China: ZL 2012 2 0666839.5

### Dimensions



### Ordering Information

DPG4000	Code	Range								
		<b>09R</b> 0~9 psi	<b>11R</b> 0~11 psi	<b>14R</b> 0~14 psi	<b>30R</b> 0~30 psi	<b>40R</b> 0~40 psi				
		<b>60R</b> 0~60 psi	<b>100R</b> 0~100 psi	<b>140R</b> 0~140 psi	<b>200R</b> 0~200 psi					
	<b>Code</b>	<b>Wetted Parts Material</b>								
	<b>A</b>	SS316								
	<b>Code</b>	<b>Process Connection</b>								
		(1) $\frac{1}{4}"$ NPT Female (2) Others (With Adaptor)								
	<b>Code</b>	<b>Electronic Connection</b>								
		(E) $\frac{3}{4}"$ NPT Female (F) $\frac{1}{2}"$ NPT Female, standard								
	<b>Code</b>	<b>Control Form</b>								
	<b>1</b>	One SPDT	<b>2</b>	Two SPDT	<b>3</b>	4~20 mA				
<b>DPG4000</b>										

**Complete Ordering Code**