

DIFFERENTIAL PRESSURE GAUGE

DPG4000

Combine With Switch or 4~20mA Output Signal Available
 Weather Proof, Piston Type
 Range Available: 0-0.6-14 kg/cm² (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 ΔP 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:** ø4"
- Accuracy:** ±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 ±12%
- Output Signal:** 4~20mA, 2 wires, DC24V power supply
- Housing:** Die cast aluminum alloy with paint
- Housing Protection:** IP66
- Electronic Connection:** Standard ½"NPT female; ¾"NPT female available
- Pressure Element:** Wetted parts all in SS316
- Process Connection:** ¼"NPT female; others with adaptor on request
- Working Pressure:** 200 kg/cm²
(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 ² |
| 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:

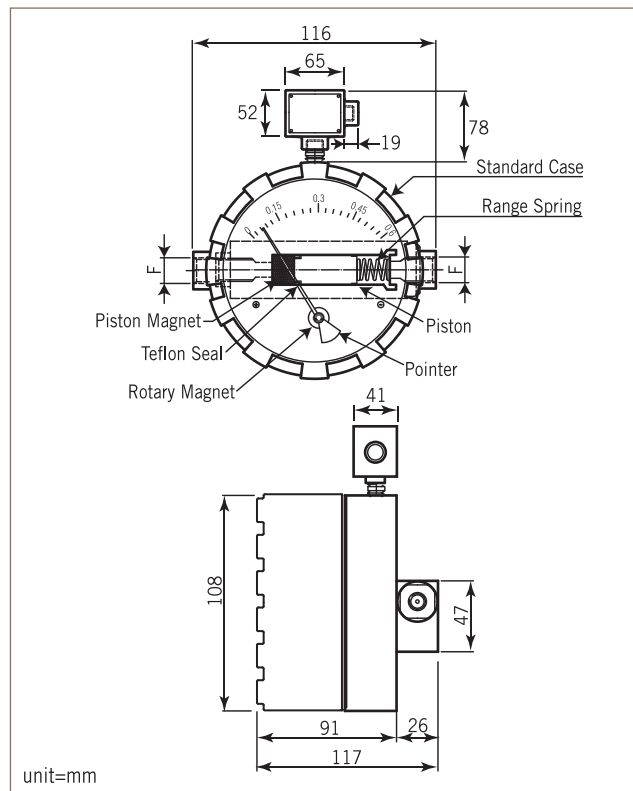


Switches with UL & CSA Recognized and File No. E41515.

Patent No.

M449263
 China: ZL 2012 2 0666839.5

Dimensions



Ordering Information

| DPG4000 | Code | Range | | | | | | | | |
|----------------|-------------|---|-----------------------|-----------------------|-----------------------|---------------------|--|--|--|-------------------------------|
| | | 09R 0~9 psi | 11R 0~11 psi | 14R 0~14 psi | 30R 0~30 psi | 40R 0~40 psi | | | | |
| | | 60R 0~60 psi | 100R 0~100 psi | 140R 0~140 psi | 200R 0~200 psi | | | | | |
| | Code | Wetted Parts Material | | | | | | | | |
| | A | SS316 | | | | | | | | |
| | Code | Process Connection | | | | | | | | |
| | | (1) ¼"NPT Female (2) Others (With Adaptor) | | | | | | | | |
| | Code | Electronic Connection | | | | | | | | |
| | | (E) ¾"NPT Female (F) ½"NPT Female, standard | | | | | | | | |
| | Code | Control Form | | | | | | | | |
| | | 1 One SPDT | 2 Two SPDT | 3 4~20 mA | | | | | | |
| DPG4000 | | | | | | | | | | Complete Ordering Code |