

DPG60

Digital pressure gauge
for pressure measurement



Product Overview

Model DPG60 Digital Pressure Gauge is battery-powered, which make it very easy for on-site installation. Specifically, a high precision pressure sensor is used and the output signal is processed by the high-precision, low temperature drifting amplifier, then sent into the high-precision A/D converter to be converted into digital signal, after being computed and processed, the actual pressure value is showed on the LCD screen. Model DPG60 can be easily adapted to local conditions. The backlighting also provides easy readability of the display in poor lighting conditions. Additional programming functions are: Automatic power-off, tare function. There is unit switching between the units bar, psi and MPa already integrated into the standard model DPG60.

Features

- Measuring ranges from -1 ... 0 to 0 ... 1000 bar
- Accuracy 0.25 %FS, 0.5 %FS
- Battery operation (9V alkaline battery 6LR61)
- LCD display
- Peak value recording function, record the max. pressure value during pressure measuring.
- Selectable unit: MPa, psi, bar, kPa, kg/cm²

Performance Specifications

General	
Pressure Range	-1...0~0.1...1000bar
Overpressure	1.5xFS
Environmental	
Operating Temp. Range	-10 to +60°C
Compensated Temp. Range	0 to +60°C
Electrical	
Power Supply	9V alkaline battery 6LR61
Display	4 digit LCD display, -1999-9999
Unit Switching	MPa, psi, bar, kPa, kg/cm ²
Sampling Speed	4 times/sec.
Auto-shut off	15 min.
Back light	5 min.
Physical Specifications	
Housing	Stainless steel and plastic
Diaphragm	Stainless steel
Net Weight	Approx.260g
Performance	
Accuracy ²	±0.5[typ.] % FSO
Temp. Coeff- Zero ³	±0.75[typ.] % FSO
Temp. Coeff- Span ³	±0.75[typ.] % FSO
Long-Term Stability	±0.3[typ.] % FSO

Notes

1. All values measured at 25°C(77°F)
2. Including non-linearity, hysteresis and repeatability.
3. 0°C to 60°C with reference to 25°C(77°F).

The listed specifications and dimensions are subject to change without prior notice

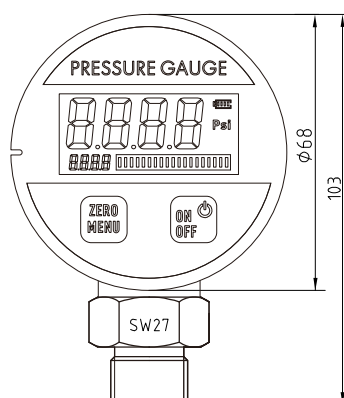
Display



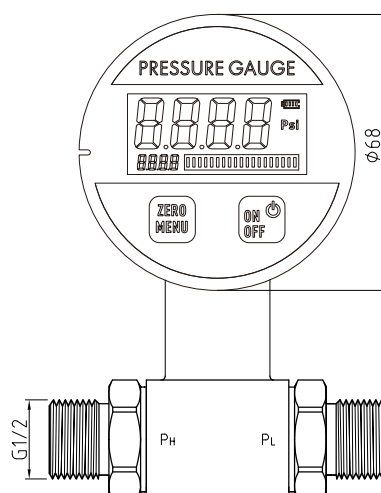
1. 4 numerical digits for pressure display.
2. Peak display
3. Battery life indicator
4. Pressure Unit
5. 20 segment pressure range bar graph – each segment equals 5% of range.

Dimensions

Gauge / absolute pressure type



Differential pressure type



Ordering Information

Model				
DPG60	Digital Pressure Gauge			
	Pressure range			
	N001	-1~0bar	0025	25bar
	N002	-1~10bar	0040	40bar
	N003	-1~30bar	0060	60bar
	0001	1bar	0100	100bar
	0002	1.6bar	0160	160bar
	0003	2.5bar	0250	250bar
	0004	4bar	0400	400bar
	0006	6bar	0600	600bar
	0010	10bar	1000	1000bar
	9999	Customer		
	Accuracy			
	02	0.25 %FS		
	05	0.5 %FS (standard)		
	99	Customer		
	Pressure Connection			
	G4	G1/4" male		
	G2	G1/2" male		
	N4	1/4NPT male		
	N2	1/2NPT male		
	M20	M20*1.5 male		
	P4	PT1/4 male		
	P2	PT1/2 male		
	99	Customer		
DPG60	0010	05	G4	Order code