

Digital Pressure Gauge MPDG60



Product Overview

Model DPG60 Digital Pressure Gauge is battery-powered, which make it very easy for on-site installation. A high precision pressure sensor provides an output signal to high-precision & low temperature drifting amplifier for processing and 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. Multiple unit switching is available between bar, psi and MPa.

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

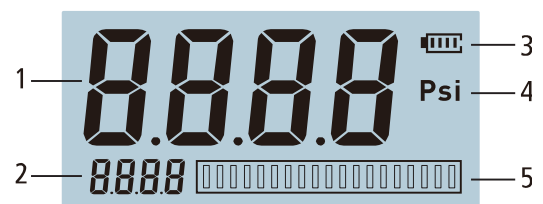
Performance Specifications

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	4digit LCD display, -1999-
Unit Switching	MPa, psi, bar, kPa, kg/cm2
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).

Display

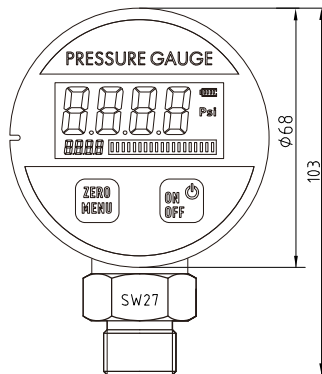


1. 4 numerical digits for pressure display.
2. Peak display
3. Battery life indicator
4. Pressure Unit
5. 20 segment pressure range bar graph – each segment equals 5% of range.

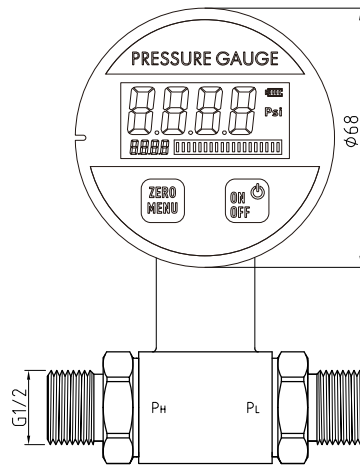
The listed specifications and dimensions are subject to change without prior notice

Dimensions

Gauge / absolute pressure type



Differential pressure type



Ordering Information

Model				
Digital Pressure Gauge				
Pressure range				
N001	-1~0bar	002	25bar	
N002	-1~10bar	004	40bar	
N003	-1~30bar	006	60bar	
0001	1bar	010	100bar	
0002	1.6bar	016	160bar	
0003	2.5bar	025	250bar	
0004	4bar	040	400bar	
0006	6bar	060	600bar	
0010	10bar	100	1000bar	
9999	Custom			
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		
MDPG	0010	05	G4	Order code