

The DPG-2 Series
Digital Pressure Gage
Economical, 2.7in LCD Display
Multiple Industry Applications



DESCRIPTION

Advanced Sensors DPG-2 Series industrial Digital Pressure Gauge is the ideal selection for use with corrosive and demanding industrial pressure sensing applications. Made of 304 Stainless Steel pressure ports and shell material this gauge can deliver 1.0% accuracy over vacuum and gauge applications. The 4 digit, large 2.7 inch display allows for the easy visibility from across the room or inside gas cabinets. Equipped with a backlight, the gauge can be read in low ambient light conditions. The DPG-2 series comes with basic embedded functions including auto Tare as well as auto power off function to conserve battery power. The IDPG 250 is available in many process fittings and pressures up to 400 bar gauge.

APPLICATIONS

- Hydraulic and Pneumatic
- HVAC
- Pumps and Compressors
- Refrigeration Systems
- Energy and Water Management

FEATURES

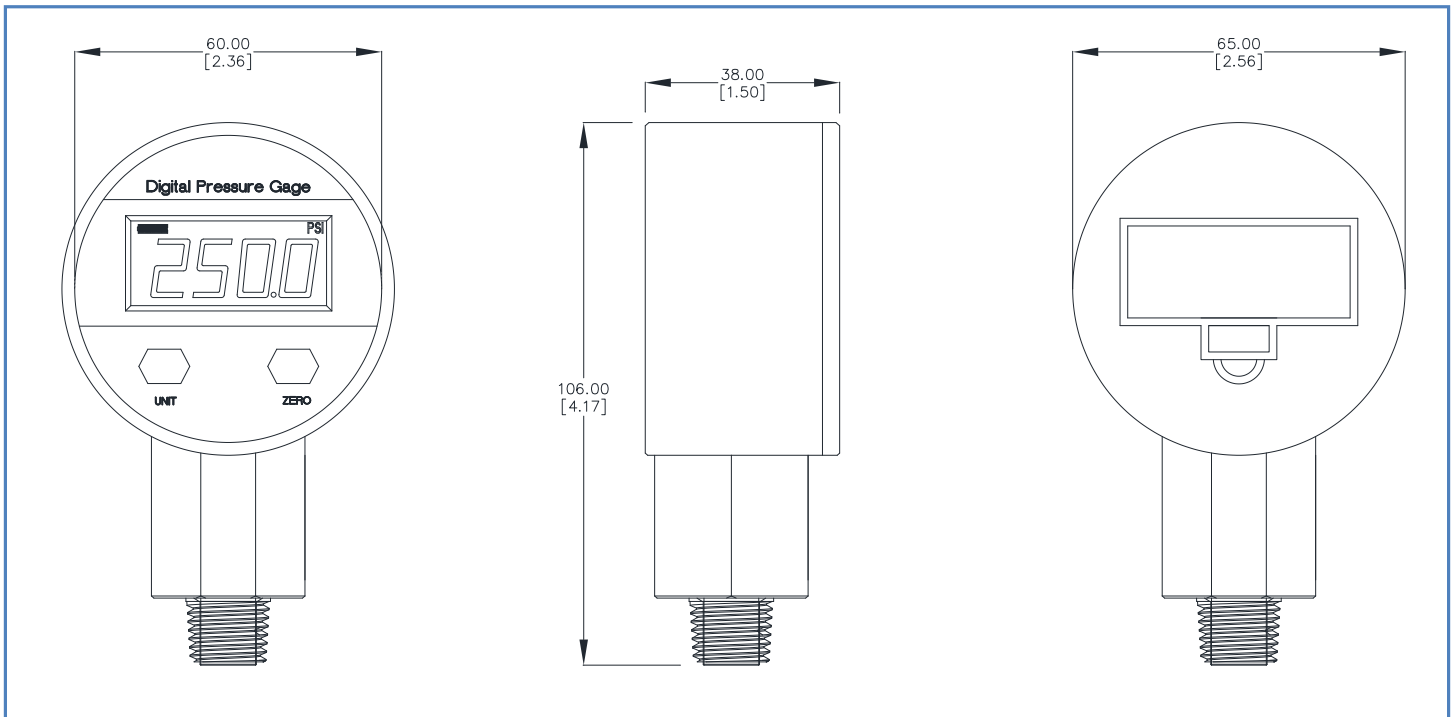
- Four digit 2.7inch LCD display
- Gauge and Compound Ranges
- Large Variety of Process Ports
- Fast update rate of 120Hz
- 3 Segment Battery Life Indicator
- Pressure Percentage Display
- Auto Tare, Auto Power Off
- Standard Backlight Indicator
- Psi, KPa, Bar, Kgf/cm² Pressure Units
- Power On, Range Descriptor
- Standard AAA Batteries (2x)
- EMI/RFI Protection

SPECIFICATIONS

	Symbol	Min	Typical	Max	Unit	Note
Performance Specifications						
Accuracy		-1.0	±0.5	+1.0	%FS	
Operating Temperature		-10		70	°C	
Compensated Temperature		-0		60	°C	
Long Term Stability			±0.50		%FS/Year	
Battery Life			12		Months	

SPECIFICATIONS	Symbol	Min	Typical	Max	Unit	Note
Absolute Maximum Conditions						
Pressure Cycles				>10 Million	Cycles	
Storage Temperature		-20		70	°C	
Over Pressure				1.0X	Range	
Burst Pressure				2.5X	Range	
IP Rating				IP50		
Weight				250	Grams	
Media Compatibility (Wetted Materials) Applications		Material Compatible with 304SS Corrosive Gases and Liquids				

MECHANICAL DIMENSIONS in [mm]



PART NUMBERING FOR ORDERS

Series	Process Connection	Pressure Range	Pressure Units	Pressure Type (Range Availability)
DPG-2	N1 = 1/8 -27 NPT N2 = 1/4-18NPT N4= 1/2 14NPT G2 = G1/4 G4 =G 1/2	160 250 400 600	K=kPa	G=Gauge
		010	B=Bar	
		016 025 040 060 100 250 160 250	B=Bar	S=Sealed Gage

Part Number Example: DPG-2 N2 010BG Digital Pressure Gage, 2 Series, with Pressure Range (0 to 10 Bar Gage) with 1 / 4 NPT Process Fitting.

WARRANTY

Pressure sensors have a limited one-year warranty to the original purchaser. AVSensors will repair or replace, at its option, without charge those items it finds defective. This is the buyer s sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall AVSensors be liable for consequential, special, or indirect damages. This warranty does not apply to units that have been modified, misused, neglected or installed where the application exceeds published ratings. Specifications may change without notice. The information supplied is believed to be accurate and reliable as of this printing, however, we assume no responsibility for its use.