

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

DPG-2 SERIES



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	۰C	
Compensated Temperature		-0		60	۰C	
Long Term Stability			±0.50		%FS/Year	
Battery Life			12		Months	

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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)		Material Compatible with 304SS				
Applications		Corrosive Gases and Liquids				

MECHANICAL DIMENSIONS in [mm]



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

Part Number Example: DPG-2 N2 010BG with 1 / 4 NPT Process Fitting.

Digital Pressure Gage, 2 Series, with Pressure Range (0 to 10 Bar Gage)

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.