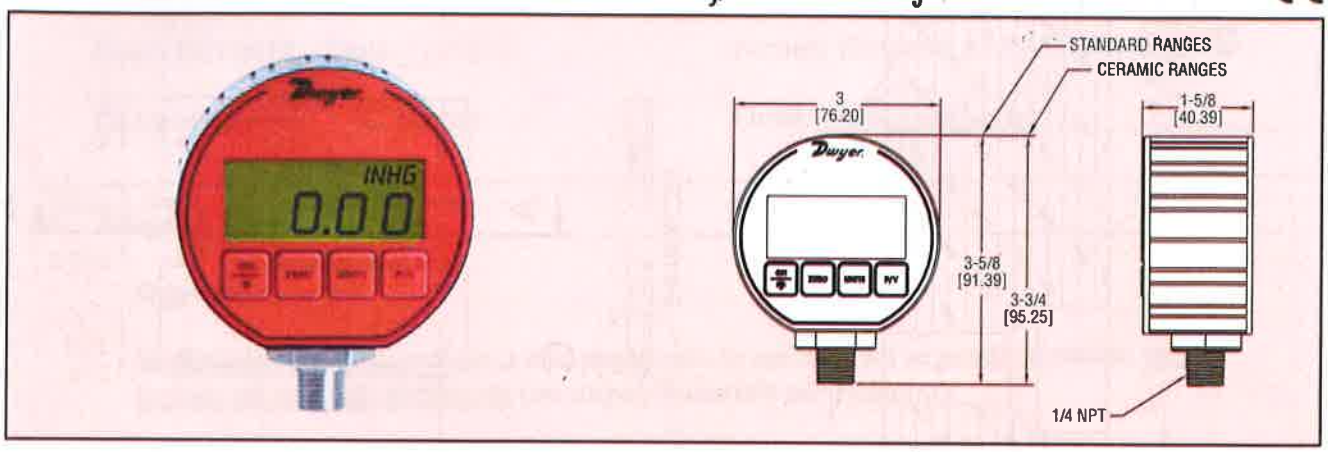
Series DPG-000

Digital Pressure Gage

± 0.5% Full Scale Accuracy, NEMA 4X Housing

CE



Replace your outdated analog gages with the new **Series DPG-000 Digital Pressure Gage**. The Series DPG-000 possesses a ±0.5% full scale accuracy sensor. The 4 digit digital display will reduce the potential for errors in readings by eliminating parallax error commonly produced with analog gages.

The Series DPG-000 is battery powered and has an auto-shut off to conserve battery life. Battery life, on average, will last 2000 hours. A 4 button key pad allows easy access to features without the need to work through complex menus or difficult key combinations. These features include backlight, peak and valley, auto zero and conversion of the pressure units.

SPECIFICATIONS

Service: Liquids and compatible gases.
Wetted Materials: Type 316L SS; Ceramic Ranges: Type 316L SS, ceramic, fluoroelastomer.
Housing Materials: Polycarbonate front & back cover, anodized aluminum extruded housing with recessed grooves, Polycarbonate overlay, Buna-N O-rings, 316L SS sensor construction.
Accuracy: 0.50% F.S. +/- 1 least significant digit 32 to 130°F (0 to 55°C). (Includes linearity, hysteresis, repeatability) ±2% F.S. @ 10°F. ±5% F.S. @ 0°F.
Pressure Limit: 2x pressure range for models ≤1000 psi; 5000 psi for 3000 psi range; 7500 psi for 5000 psi range, 1000 psi for 8000 psi range.
Enclosure Rating: Designed to meet NEMA 4/4X (IP65).
Temperature Limits: 0 to 130°F (-18 to 55°C).
Thermal Effect: Between 70 to 130°F is 0.016%/F.
Between 32 to 70°F is 0.026%/F. Between 10 to 32°F is 0.09%/F. Between 0 to 10°F is 0.50%/F.
Size: 3.00" OD x 1.90" Deep (max).
Process Connection: 1/4" male NPT.
Weight: 8.84 oz (275 g).
Display: 4 digit (.425" H x .234" W digits).
Power Requirements: Two AAA batteries.
Battery Life: 2000 hours typical; Low battery indicator.
Auto Shut-Off:
Gage: 60 minute auto shut off. Auto shut-off may be disengaged.
Backlight: 2 minute auto shut-off.
Agency Approvals: CE.

ACCESSORIES

A-183, Protective Rubber Boot
A-184, Carrying Case

Protective Carrying Case

DPG with Protective Rubber Boot

Model	Range psi	Pressure Ranges kg/cm²	bar	in Hg	ft wc	kPa	oz/in²	in wc	mbar	cm wc	mm Hg
DPG-000*	-14.70-0	-1.033	-1.013	-29.93	-33.94	-101.4	-235.2	-407.3	-1013	-1034	-760.7
DPG-002	15.00	1.055	1.034	30.54	34.61	103.4	240	415.2	1034	1055	775.7
DPG-003	30.00	2.109	2.069	61.08	69.21	206.9	480	830.4	2069	2109	1551
DPG-004	50.00	3.515	3.448	101.8	115.4	344.8	800	1384	3448	3515	2586
DPG-005	100.0	7.03	6.895	203.6	230.7	689.5	1600	2768	6895	7031	5172
DPG-006	200.0	14.06	13.79	407.2	461.4	1379	3200	5536			
DPG-007	300.0	21.09	20.69	610.8	692.1	2069	4800	8304			
DPG-008	500.0	35.15	34.48	1018	1154	3448	8000				
DPG-009	1000	70.3	68.98	2036	2307	6895					
DPG-010	3000	210.9	206.9	6108	6921						
DPG-011	5000	351.5	344.8								
DPG-015	8000	562.4	551.6								