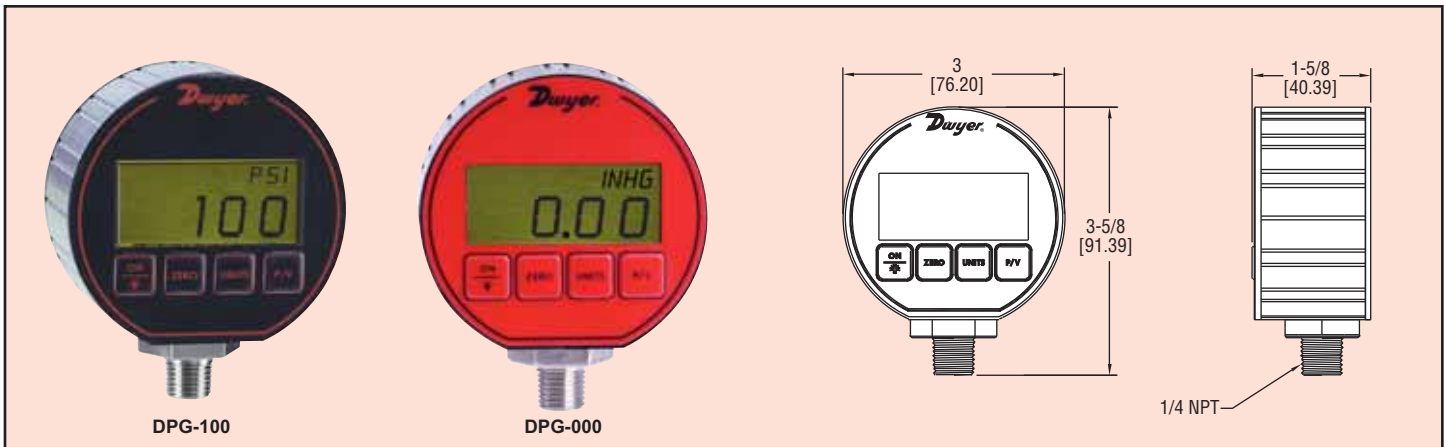




Series  
DPG

# Digital Pressure Gage

±0.25% or ±0.5% Full Scale Accuracy, NEMA 4X Housing



Replace your outdated analog gauges with the new **Series DPG Digital Pressure Gauge**. The Series DPG has a high  $\pm 0.25\%$  or  $\pm 0.5\%$  full scale accuracy. The 4 digit digital display will reduce the potential for errors in readings by eliminating parallax error commonly produced with analog gauges.

Series DPG 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, tare or auto zero and conversion of the pressure units.

#### ACCESSORIES

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



Protective Carrying Case



DPG-100 with Protective Rubber Boot

#### SPECIFICATIONS

**Service:** Compatible liquids and combustible gases (for FM listing see Agency Approvals below).

**Wetted Materials:** Type 316L SS.

**Housing Materials:** Polycarbonate front & back cover, anodized aluminum extruded housing with recessed grooves, polycarbonate overlay, Buna-N O-rings, 316L SS sensor construction.

**Accuracy:** DPG-000:  $\pm 0.5\%$  full scale; DPG-100: 0.25% full scale;  $\pm 1$  least significant digit @ 70°F (21°C) (includes linearity, hysteresis, repeatability).

**Pressure Limit:** 2x pressure range for models  $\leq 1000$  psi; 5000 psi for 3000 psi range; 7500 psi for 5000 psi range.

**Enclosure Rating:** Designed to meet NEMA 4/4X (IP66).

**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.

**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:** DPG-000: CE; DPG-100: CE, FM approved to be intrinsically safe for Class I, Division I, Groups A, B, C and D, for ranges 0-15 to 0-3000 psi.

		Pressure Ranges										
Model $\pm 0.5\%$	Model $\pm 0.25\%$	Range psi	kg/cm <sup>2</sup>	bar	in Hg	ft wc	kPa	oz/in <sup>2</sup>	in wc	mbar	cm wc	mm Hg
DPG-000*		-14.70 to 0	-1.033	-1.013	-29.93	-33.94	-101.4	-235.2	-407.3	-1013	-1034	-760.7
DPG-002*	DPG-102	15.00	1.055	1.034	30.54	34.61	103.4	240	415.2	1034	1055	775.7
DPG-003*	DPG-103	30.00	2.109	2.069	61.08	69.21	206.9	480	830.4	2069	2109	1551
DPG-004*	DPG-104	50.00	3.515	3.448	101.8	115.4	344.8	800	1384	3448	3515	2586
DPG-005*	DPG-105	100.00	7.03	6.895	203.6	230.7	689.5	1600	2768	6895	7031	5172
DPG-006*	DPG-106	200.00	14.06	13.79	407.2	461.4	1379	3200	5536			
DPG-007*	DPG-107	300.00	21.09	20.69	610.8	692.1	2069	4800	8304			
DPG-008*	DPG-108	500.00	35.15	34.48	1018	1154	3448	8000				
DPG-009*	DPG-109	1000	70.3	68.98	2036	2307	6895					
DPG-010*	DPG-110	3000	210.9	206.9	6108	6921						
DPG-011*	DPG-111*	5000	351.5	344.8								
DPG-020*		-14.70 to 15.00	-1.033 to 1.055	-1.013 to 1.034	-29.93 to 30.54	-33.94 to 34.61	-101.4 to 103.4	-235.2 to 240	-407.3 to 415.2	-1013 to 1034	-1034 to 1055	-760.7 to 775.7
DPG-021*		-14.70 to 30.00	-1.033 to 2.109	-1.013 to 2.069	-29.93 to 61.08	-33.94 to 69.21	-101.4 to 206.9	-235.2 to 480	-407.3 to 830.4	-1013 to 2069	-1034 to 2109	-760.7 to 1551
DPG-022*		-14.70 to 45.00	-1.033 to 3.164	-1.013 to 3.103	-29.93 to 91.63	-33.94 to 103.8	-101.4 to 310.3	-235.2 to 720	-407.3 to 1245	-1013 to 3102	-1034 to 3164	-760.7 to 2327
DPG-023*		-14.70 to 60.00	-1.033 to 4.218	-1.013 to 4.137	-29.93 to 122.2	-33.94 to 138.4	-101.4 to 413.7	-235.2 to 960	-407.3 to 1661	-1013 to 4137	-1034 to 4218	-760.7 to 3103
DPG-024*		-14.70 to 100.00	-1.033 to 7.03	-1.013 to 6.895	-29.93 to 203.6	-33.94 to 230.7	-101.4 to 689.5	-235.2 to 1600	-407.3 to 2768	-1013 to 6895	-1034 to 7031	-760.7 to 5172

\*Model is not FM approved.