

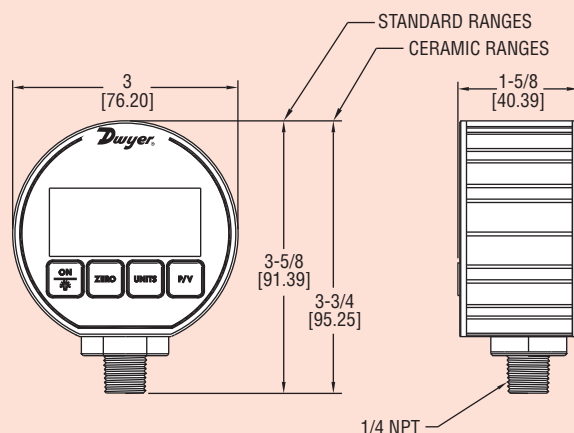


Series
DPG-000

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Replace your outdated analog gages with the new **Series DPG-000 Digital Pressure Gage**.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 $\pm 0.5\%$ 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) $\pm 2\%$ F.S. @ 10°F. $\pm 5\%$ 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/cm ² | bar | in Hg | ft wc | kPa | oz/in ² | 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 | | | | | | | | |

Compound Range available: DPG-020 Range: 30" Hg-0-15 psi; DPG-020C: 30" Hg-0-15 psi.

*Optional ceramic sensor available. Add "C" to the range (Ex. DPG-000C).

Note: Gages with ceramic sensor are not CE approved.