



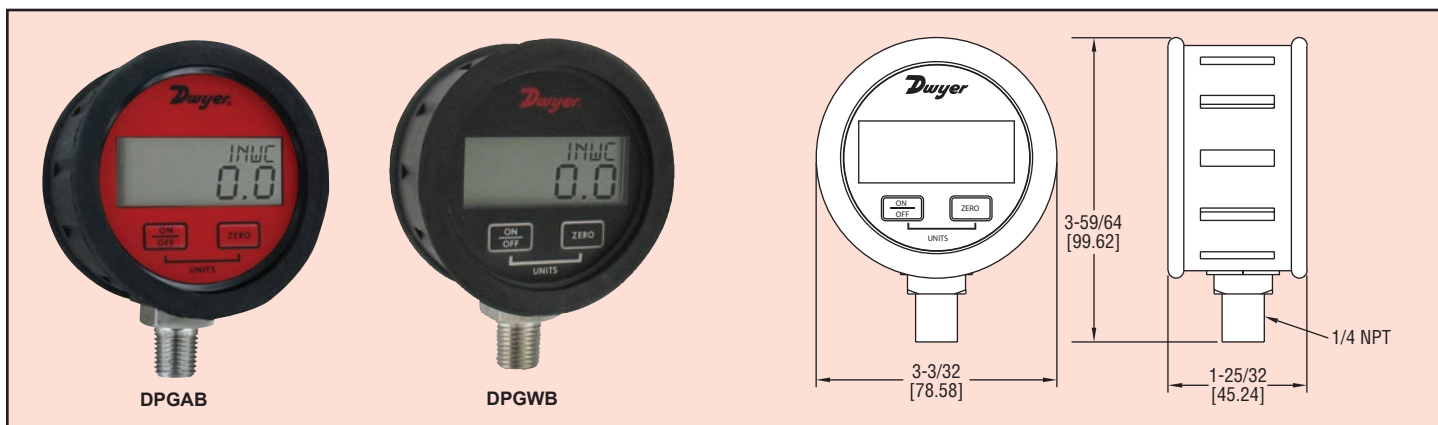
Series  
DPGAB  
&  
DPGWB

# 0.5% Digital Pressure Gage

Selectable Engineering Units, Rubber Boot

PRESSURE

Single Pressure Gages,  
Digital



The Series DPGWB/DPGAB digital pressure gages offer 0.5% full-scale-accuracy in a rugged, easy-to-use unit at prices comparable to mechanical gauges. The DPGWB stainless steel wetted material makes it suitable for a wide variety of liquid or gases. The gages feature user-selectable units of measure allowing one gage to be used for a variety of pressure scales. The DPGWB/DPGAB come with a protective rubber boot to protect against short drops and rough handling.

## SPECIFICATIONS

**Service:** DPGAB: Air and compatible gases; DPGWB: Liquids and compatible gases.

### Wetted Materials:

DPGAB: 316L SS, silicone sensor;  
DPGWB: Type 316L SS.

**Housing Materials:** ABS plastic.

**Accuracy:**  $\pm 0.5\%$  FS (includes linearity, hysteresis, repeatability).

**Pressure Limits:** 2X pressure range. Vacuum range max. pressure is 30 psig.

**Temperature Limits:** 30 to 120°F (-1 to 49°C).

**Thermal Effect:** 0.05% FS/°F.

**Size:** 2.62" OD x 1.52" deep.

**Process Connections:** 1/4" male NPT.

**Display:** 4-digit LCD (.425" H x .234" W digits).

**Power Requirements:** 9 V alkaline battery, included, user replaceable.

**Auto Shut-off:** 20 minute auto shut-off.

**Weight:** 5.6 oz (160 g).

## OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers.

Example: DPGAB-04-NIST.

| Model    | Range             | Pressure Ranges |                    |        |        |         |        |                    |         |       |         |       | Resolution |
|----------|-------------------|-----------------|--------------------|--------|--------|---------|--------|--------------------|---------|-------|---------|-------|------------|
|          |                   | psig            | kg/cm <sup>2</sup> | bar    | in Hg  | ft w.c. | kPa    | oz/in <sup>2</sup> | in w.c. | mbar  | cm w.c. | mm Hg |            |
| DPGAB-00 | 30" Hg to 0 (psi) | -14.70          | -1.033             | -1.013 | -29.93 | -33.94  | -101.4 | -235.2             | -407.3  | -1013 | -1034   | -761  | 0.01       |
| DPGAB-04 | 0 to 5 psi        | 5.000           | .3515              | .3447  | 10.18  | 11.53   | 34.47  | 80.0               | 138.4   | 344.7 | 351.5   | 258.6 | 0.002      |
| DPGAB-05 | 0 to 15 psi       | 15.00           | 1.055              | 1.034  | 30.54  | 34.60   | 103.4  | 240.0              | 415.2   | 1034  | 1055    | 776   | 0.01       |
| DPGAB-06 | 0 to 30 psi       | 30.00           | 2.109              | 2.068  | 61.1   | 69.2    | 206.8  | 480.0              | 830     | 2068  | 2109    | 1551  | 0.01       |
| DPGAB-07 | 0 to 50 psi       | 50.00           | 3.515              | 3.447  | 101.8  | 115.3   | 344.7  | 800                | 1384    | 3447  | 3515    | 2586  | 0.02       |
| DPGAB-08 | 0 to 100 psi      | 100.0           | 7.03               | 6.89   | 203.6  | 230.7   | 689    | 1600               | 2768    |       |         |       | 0.1        |
| DPGAB-09 | 0 to 200 psi      | 200.0           | 14.06              | 13.79  | 407.2  | 461.3   | 1379   | 3200               |         |       |         |       | 0.1        |
| DPGAB-10 | 0 to 300 psi      | 300.0           | 21.09              | 20.68  | 611    | 692     | 2068   | 4800               |         |       |         |       | 0.1        |
| DPGAB-11 | 0 to 500 psi      | 500.0           | 35.15              | 34.47  | 1018   | 1153    | 3447   |                    |         |       |         |       | 0.2        |

| Model    | Range             | Pressure Ranges |                    |        |        |         |        |                    |         |       |         |       | Resolution |
|----------|-------------------|-----------------|--------------------|--------|--------|---------|--------|--------------------|---------|-------|---------|-------|------------|
|          |                   | psig            | kg/cm <sup>2</sup> | bar    | in Hg  | ft w.c. | kPa    | oz/in <sup>2</sup> | in w.c. | mbar  | cm w.c. | mm Hg |            |
| DPGWB-00 | 30" Hg to 0 (psi) | -14.70          | -1.033             | -1.013 | -29.93 | -33.94  | -101.4 | -235.2             | -407.3  | -1013 | -1034   | -761  | 0.01       |
| DPGWB-04 | 0 to 5 psi        | 5.000           | .3515              | .3447  | 10.18  | 11.53   | 34.47  | 80.0               | 138.4   | 344.7 | 351.5   | 258.6 | 0.002      |
| DPGWB-05 | 0 to 15 psi       | 15.00           | 1.055              | 1.034  | 30.54  | 34.60   | 103.4  | 240.0              | 415.2   | 1034  | 1055    | 776   | 0.01       |
| DPGWB-06 | 0 to 30 psi       | 30.00           | 2.109              | 2.068  | 61.1   | 69.2    | 206.8  | 480.0              | 830     | 2068  | 2109    | 1551  | 0.01       |
| DPGWB-07 | 0 to 50 psi       | 50.00           | 3.515              | 3.447  | 101.8  | 115.3   | 344.7  | 800                | 1384    | 3447  | 3515    | 2586  | 0.02       |
| DPGWB-08 | 0 to 100 psi      | 100.0           | 7.03               | 6.89   | 203.6  | 230.7   | 689    | 1600               | 2768    |       |         |       | 0.1        |
| DPGWB-09 | 0 to 200 psi      | 200.0           | 14.06              | 13.79  | 407.2  | 461.3   | 1379   | 3200               |         |       |         |       | 0.1        |
| DPGWB-10 | 0 to 300 psi      | 300.0           | 21.09              | 20.68  | 611    | 692     | 2068   | 4800               |         |       |         |       | 0.1        |
| DPGWB-11 | 0 to 500 psi      | 500.0           | 35.15              | 34.47  | 1018   | 1153    | 3447   |                    |         |       |         |       | 0.2        |

Compound range available: DPGWB-12: 30" Hg-0-100 psi