



SERIES DPGA/DPGW/DPGWB/DPGAB

0.5% & 1% DIGITAL PRESSURE GAGE

Economic Gage With Selectable Engineering Units, Rubber Boot



DPGA



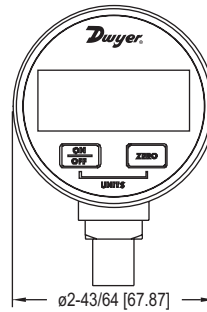
DPGW



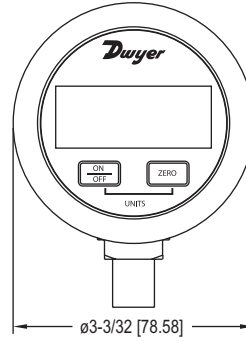
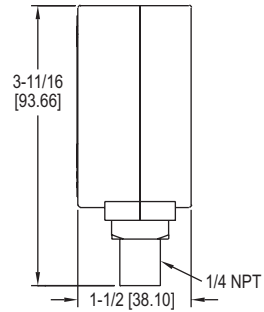
DPGAB



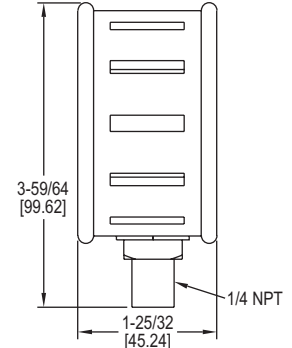
DPGWB



DPGA & DPGW



DPGAB & DPGWB



The **SERIES DPGA** is the only economic digital pressure gage with selectable engineering units on the market. With its 1% accuracy and digital push-button zero, the DPGA is the perfect choice for digitally monitoring the pressures of air and compatible gases.

The **SERIES DPGW** is the only economic digital pressure gage for liquids with the ability to select engineering units on the market. With its 1% accuracy and digital push-button zero, the DPGW is the perfect choice for digitally monitoring the pressures of air and compatible liquids and gases.

The **SERIES DPGWB/DPGAB** pressure gages offer 0.5% full scale accuracy in a rugged, easy-to-use unit at prices comparable to mechanical gages. The DPGWB stainless steel wetted material makes it suitable for a wide variety of liquids 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.

FEATURES/BENEFITS

- Push-button zero reduce installation and service time
- High accuracy provides exceptional measurement for minimizing costly out of specification conditions
- Selectable unit button provides reading in easily recognizable units
- Well-suited gage for compatible gas (DPGA) or liquid (DPGW) applications specifying simple operation and accuracy

APPLICATIONS

- Process applications
- Process start-up
- OEM applications

SPECIFICATIONS

Service: DPGA & DPGAB: Air and compatible gases; DPGW & DPGWB: Liquids and compatible gases.

Wetted Materials: DPGA & DPGAB: 316L SS, silicone sensor; DPGW & DPGWB: 316L SS.

Housing Materials: ABS plastic.

Accuracy: DPGA & DPGW: ±1.0% FS (includes linearity, hysteresis, repeatability); DPGAB & DPGWB: ±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).

ACCESSORIES

| Model | Description |
|-------|------------------------|
| A-293 | Protective rubber boot |

OPTIONS

| To order add suffix: | Description |
|----------------------|--|
| -NIST | NIST traceable calibration certificate |

Example: DPGA-04-NIST

MODEL CHART

| Model | Model | Range | Pressure Ranges | | | | | | | | | | | Resolution |
|---------|---------|-------------------|-----------------|--------------------|--------|--------|---------|--------|--------------------|---------|-------|---------|-------|------------|
| | | | psig | kg/cm ² | bar | in Hg | ft w.c. | kPa | oz/in ² | in w.c. | mbar | cm w.c. | mm Hg | |
| DPGA-00 | DPGW-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 |
| DPGA-04 | DPGW-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 |
| DPGA-05 | DPGW-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 |
| DPGA-06 | DPGW-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 |
| DPGA-07 | DPGW-07 | 0 to 50 psi | 50.00 | 3.515 | 3.447 | 101.8 | 115.3 | 344.7 | 800 | 1384 | 3447 | 3515 | 2586 | 0.02 |
| DPGA-08 | DPGW-08 | 0 to 100 psi | 100.0 | 7.03 | 6.89 | 203.6 | 230.7 | 689 | 1600 | 2768 | - | - | - | 0.1 |
| DPGA-09 | DPGW-09 | 0 to 200 psi | 200.0 | 14.06 | 13.79 | 407.2 | 461.3 | 1379 | 3200 | - | - | - | - | 0.1 |
| DPGA-10 | DPGW-10 | 0 to 300 psi | 300.0 | 21.09 | 20.68 | 611 | 692 | 2068 | 4800 | - | - | - | - | 0.1 |
| DPGA-11 | DPGW-11 | 0 to 500 psi | 500.0 | 35.15 | 34.47 | 1018 | 1153 | 3447 | - | - | - | - | - | 0.2 |

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

MODEL CHART

| Model | Model | Range | Pressure Ranges | | | | | | | | | | | Resolution |
|----------|----------|-------------------|-----------------|--------------------|--------|--------|---------|--------|--------------------|---------|-------|---------|-------|------------|
| | | | psig | kg/cm ² | bar | in Hg | ft w.c. | kPa | oz/in ² | in w.c. | mbar | cm w.c. | mm Hg | |
| DPGAB-00 | 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 |
| DPGAB-04 | 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 |
| DPGAB-05 | 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 |
| DPGAB-06 | 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 |
| DPGAB-07 | 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 |
| DPGAB-08 | DPGWB-08 | 0 to 100 psi | 100.0 | 7.03 | 6.89 | 203.6 | 230.7 | 689 | 1600 | 2768 | - | - | - | 0.1 |
| DPGAB-09 | DPGWB-09 | 0 to 200 psi | 200.0 | 14.06 | 13.79 | 407.2 | 461.3 | 1379 | 3200 | - | - | - | - | 0.1 |
| DPGAB-10 | DPGWB-10 | 0 to 300 psi | 300.0 | 21.09 | 20.68 | 611 | 692 | 2068 | 4800 | - | - | - | - | 0.1 |
| DPGAB-11 | 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