

IP65 Digital Pressure Gauge Series: PG2



The series PG2 IP65 digital pressure gauge is our base-line digital gauge series. Its rugged, weatherproof design stands up to outdoor and industrial environments, and it has 304L stainless steel wetted material for a wide range of compatible liquids and gases.

Features

- Large, full 4-digit display
- Available ranges from vacuum up to 5,000 psi
- $\pm 0.5\%$ accuracy of full scale up to 1,000 psi
- $\pm 1\%$ accuracy of full scale above 1,000 psi
- User selectable units of measure (psi, bar, MPa, kg/cm²)

PG2 Series Specifications



Performance

- Accuracy (linearity & hysteresis):
 $\pm 0.5\%$ of full scale (BFSL) up to 1,000 psi
 $\pm 1\%$ of full scale above 1,000 psi
- Stability: $\pm 0.05\%$ FS per year
- Thermal Zero Shift: $\pm 0.04\%$ FS/ $^{\circ}\text{C}$ ($\pm 0.07\%$ FS/ $^{\circ}\text{F}$)
- Thermal Span Shift: $\pm 0.04\%$ FS/ $^{\circ}\text{C}$ ($\pm 0.07\%$ FS/ $^{\circ}\text{F}$)

Environmental

- Compensated/Operating Temp: $-10^{\circ} - 60^{\circ}\text{C}$ ($14^{\circ} - 140^{\circ}\text{F}$)
- Enclosure Rating: IP65

Electrical

- Battery:
 (1) 3V CR123A Lithium Battery
 Optional Auto-off: 10 minutes
 Low battery alert
 2-3 years typical battery life

Physical

- Size: 3.145" x 1.657" (94.48 x 42.10 mm)
 Connection: 0.575" (14.61 mm)
- Weight: 0.34 lb (150 grams)
- Body: Fiberglass-reinforced PP plastic
- Wetted Materials: 304L SS
- Display: 4 digit LCD

Common Model Configurations

Model Number	Model Description
PG2-30	0-30 PSI Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-50	0-50 PSI Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-100	0-100 PSI Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-200	0-200 PSI Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-300	0-300 PSI Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-500	0-500 PSI Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-1000	0-1000 PSI Sealed, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-5000	0-5000 PSI Sealed, 304L SS - 1/4" NPTM, 1% BSFL



Model Configuration Options



Model Number: PG2 - _____
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A. Common Pressure Ranges

- ☐ **30** 0.00 - 30.00 psi Gauge Pressure, 0.5% BSFL
- ☐ **50** 0.00 - 50.00 psi Gauge Pressure, 0.5% BSFL
- ☐ **100** 0.0 - 100.0 psi Gauge Pressure, 0.5% BSFL
- ☐ **200** 0.0 - 200.0 psi Gauge Pressure, 0.5% BSFL
- ☐ **300** 0.0 - 300.0 psi Gauge Pressure, 0.5% BSFL
- ☐ **500** 0.0 - 500.0 psi Gauge Pressure, 0.5% BSFL
- ☐ **1000** 0 - 1000 psi Sealed Pressure, 0.5% BSFL
- ☐ **5000** 0 - 5000 psi Sealed Pressure, 1% BSFL