

# 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/cm<sup>2</sup>)



# PG2 Series Specifications



## Performance

- Accuracy (linearity & hysteresis):
  - ±0.5% of full scale (BFSL) up to 1,000 psi
  - ±1% of full scale above 1,000 psi
- Stability: ±0.05% FS per year
- Thermal Zero Shift: ±0.04% FS/ °C (±0.07% FS/ °F)
- Thermal Span Shift: ±0.04% FS/ °C (±0.07% FS/ °F)

## Environmental

- Compensated/Operating Temp: -10° - 60°C (14° - 140°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	<b>0-30 PSI</b> Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-50	<b>0-50 PSI</b> Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-100	<b>0-100 PSI</b> Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-200	<b>0-200 PSI</b> Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-300	<b>0-300 PSI</b> Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-500	<b>0-500 PSI</b> Gauge, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-1000	<b>0-1000 PSI</b> Sealed, 304L SS - 1/4" NPTM, 0.5% BSFL
PG2-5000	<b>0-5000 PSI</b> 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