

## PG7 Digital Pressure Gauge



Flexible by Design

The PG7 digital pressure gauge is built for accurate pressure measurements in indoor/outdoor environments. With its ease of operation, high accuracy, and many standard features, the PG7 is perfect for a variety of applications.

### Features

- Large, full 5-digit display with 0.4 in. characters
- Available ranges from vacuum up to 10,000 psi
- Environmentally sealed housing; IP67
- Tare, Peak Hold, and Max/Min functions standard
- $\pm 0.25\%$  accuracy of full scale
- User selectable units of measure (psi, kPa, mmHg, cmHg, mbar, bar, inH<sub>2</sub>O, ftH<sub>2</sub>O, kg/cm<sup>2</sup>)

### Datos fiscales:

Corporación Eco Industrial y Comercial S.A de C.V.  
Plan de San Luis # 101 Int. 801 Col. El Coecillo  
León, Gto. C.P. 37260

### Oficina de Ventas:

Cd. de México  
Cd. de Querétaro  
Nextel

Tel (55) 5510-4265  
Tel (442) 212-8075  
Tel 01 (442) 413 7630  
Tel 01 (442) 410 1565

## PG7 Specifications



### Performance

- Accuracy (linearity & hysteresis):  $\pm 0.25\%$  of full scale (BFSL)  
 $\pm 0.1\%$  accuracy in selected ranges
- Stability – One Year Zero Drift:  $< \pm 1\%$  FS
- Thermal Zero Shift:  $\pm 0.02\%$  FS/  $^{\circ}$ F
- Thermal Sensitivity Shift:  $\pm 0.02\%$  FS/  $^{\circ}$ F
- Life: 10 million cycles minimum
- Adjustments: Auto zero, tare
- Overpressure: 2X full scale

### Connectivity

- Output Options:  
4-20 mA, 0-2 VDC, 0-5 VDC, Solid State Relay, RS-485

### Environmental

- Protection rating: IP67
- Compensated Temp: 20 $^{\circ}$  - 130 $^{\circ}$ F (-7 $^{\circ}$  - 54 $^{\circ}$ C)
- Storage Temp: -40 $^{\circ}$  - 160 $^{\circ}$ F (-40 $^{\circ}$  - 71 $^{\circ}$ C)
- Operating Temp: 0 $^{\circ}$  - 160 $^{\circ}$ F (-18 $^{\circ}$  - 71 $^{\circ}$ C)

### Certification

- NIST certification on select ranges
- CE

### Programming

- Programmable Features:  
User selectable units of measure, Max/Min Reset & Reading, Peak-Hold, Tare, Sample Rate, Range Adjustment, Quick Calibration, Adjustable Resolution, Auto-Off

### Electrical

- Battery Option:  
(2) AA alkaline (typical life 2,000 hrs)  
Auto-off: 2-32 minutes  
Low battery detection with 25% increments
- External Power Option: 9-28 VDC
- 6-Pin Connector: R04-R6M



### Physical

- Size: 3.25" x 1.6" (82.6 x 40.6 mm)  
Connection: 1.47" (37.3 mm)
- Weight: 0.36 lb (163 grams)
- Injected molded case (EMI-X ® PDX-W-88341)
- Wetted materials: 316L SS: up to 10,000 psi
- Protection rating: IP67
- Display: 5 digit LCD, 0.4 in. digits

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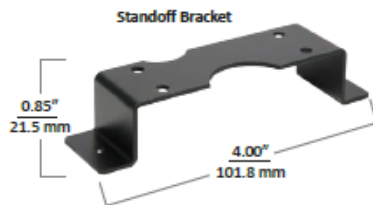


## PG7 Accessories

Please order separately, by part number.

Description	Part Number
6-pin circular mating connector (E1)	509110
6-pin circular mating connector (E1) with cable	509110-00BB (B=cable length)
Panel mount bracket	512599
Flat mount bracket	110542-0002
Standoff bracket	512597
Power supply w/8 pin terminal block (cable & mating connector not included)	511643
Rubber Boot	512626

### Mounting Bracket Options



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