

IP65 DIGITAL PRESSURE GAUGE WITH 5.5" DISPLAY

SERIES: PG10



The PG10 digital pressure gauge gives you true at-a-glance readability with the large 5-digit display and 270° radial bar graph. Built-in datalogging headlines a long list of standard functions.

Features

- Large, full 5-digit display with 0.68 in. characters
- Available ranges from vacuum up to 10,000 psi
- Tare, Peak Hold, Max/Min, and data-logging functions standard
- $\pm 0.25\%$ of full scale accuracy standard; $\pm 0.1\%$ available
- User selectable units of measure (psi, kPa, mmHg, cmHg, mbar, bar, inH₂O, ftH₂O, kg/cm², lbf)
- Available RS-485/Modbus Output



PG10 SPECIFICATIONS



Performance

- Accuracy (linearity & hysteresis):
±0.25% of full scale (BFSL)
±0.1% accuracy in selected ranges
- Stability – One Year Zero Drift: <±1% FS
- Thermal Zero Shift: ±0.04% FS/ °F
- Thermal Sensitivity Shift: ±0.04% FS/ °F
- Life: 10 million cycles minimum
- Adjustments: Auto zero, tare

Connectivity

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

Environmental

- Compensated Temp: 20° - 130°F (-7° - 54°C)
- Storage Temp: -40° - 160°F (-40° - 71°C)
- Operating Temp: 0° - 160°F (-18° - 71°C)

Certification

- NIST certification on select ranges
- CE

Electrical

- Battery Option:
(2) C alkaline; 8,000 hrs typical
(2) lithium batteries; 12,000 hrs typical
Auto-off: 2-32 minutes
Low battery detection with 25% increments
- External Power Option: 9-28 VDC
- 8-Pin Connector: IP67/68 rated bayonet

Programming

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

Physical

- Size: 5.45" x 2.25" (138.4 x 57.2 mm)
Connection: 1.59" (40.5 mm)
- Weight: 1.6 lb (725.75 grams)
- Weather-resistant injected molded phenolic
- Wetted Materials:
316L SS: up to 5,000 psi
15-5 SS: 5,000 psi and above
- Display: 5 digit LCD, 0.68 in. digits
- IP65

COMMON MODEL CONFIGURATIONS

2 C Batteries / No Output, 1/4" NPTM Bottom Port

Model Number	Model Description
PG10-15.00-PSIA-F0-L0-E0-C0-P0-N0	0-15 PSI, Absolute Pressure Reference
PG10-15.00-PSIG-F0-L0-E0-C0-P0-N0	0-15 PSI, Gauge Pressure Reference
PG10-30.00-PSIG-F0-L0-E0-C0-P0-N0	0-30 PSI, Gauge Pressure Reference
PG10-50.00-PSIG-F0-L0-E0-C0-P0-N0	0-50 PSI, Gauge Pressure Reference
PG10-100.00-PSIG-F0-L0-E0-C0-P0-N0	0-100 PSI, Gauge Pressure Reference
PG10-200.0-PSIG-F0-L0-E0-C0-P0-N0	0-200 PSI, Gauge Pressure Reference
PG10-300.0-PSIG-F0-L0-E0-C0-P0-N0	0-300 PSI, Gauge Pressure Reference
PG10-500.0-PSIG-F0-L0-E0-C0-P0-N0	0-500 PSI, Gauge Pressure Reference
PG10-1000-PSIS-F0-L0-E0-C0-P0-N0	0-1,000 PSI, Sealed Gauge Pressure Reference
PG10-5000-PSIS-F0-L0-E0-C0-P0-N0	0-5,000 PSI, Sealed Gauge Pressure Reference
PG10-10000-PSIS-F0-L0-E0-C0-P0-N0	0-10,000 PSI, Sealed Gauge Pressure Reference

PG10 ACCESSORIES

Please order separately, by part number.

Description	Part Number
8-pin circular mating connector (E35)	135007
8-pin circular mating connector (E35) with cable	135007-00BB (B=cable length)
Power supply w/8 pin terminal block (cable & mating connector not included)	511643
Panel mount bracket with screws	512600

