



PG10 SERIES

IP65 Digital Pressure Gauge with 5.5" Display

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:**
0-2 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

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-Of

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. See featured accessories on page 5.

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

MODEL NUMBER: PG10 - - - - -CO- -

FEATURED ACCESSORIES

S SETTLER

Your Gateway to Smarter Monitoring

Settler, APG's next remote monitoring gateway, makes getting real-time level data easier than ever.

Settler seamlessly connects Modbus and 4-20 mA sensors—transmitting encrypted data securely to Explorer, APG's cloud-based interface. View tank and well levels anytime, anywhere, with reliable connectivity and robust data security powered by MQTT with AES (Advanced Encryption Standard). Plus, with over-the-air (OTA) firmware updates, your system stays up to date without hassle.

Explorer makes monitoring simple. Access real-time readings, enable datalogging, and set up alarms so you're always informed of critical changes—right from your smartphone, tablet, or desktop.

Save time, reduce costs, and gain peace of mind with remote monitoring powered by Settler and Explorer. Contact us today to learn more or visit

apgsensors.com/settler-remote-monitoring-gateway/.



MODBUS SCOUT (SCT-1)

Effortless Modbus to Bluetooth® Adapter

Streamline field diagnostics with this portable and user-friendly RS485 Modbus communication tool. APG's Modbus Scout allows users to connect to their Modbus sensor in the field via an easy-to-use app or a USB port. Unlock the ability to configure, communicate with, and broadcast simple in-range readings with your Modbus sensor.

Make your setup easy and save time with APG's Modbus Scout. Get started today at apgsensors.com/product/modbus-scout.