Pressure Gauge

PRODUCT DATA SHEET



AT SYSTEMS



The Loop-Powered Pressure Gauge is a compact two-wire 4-20 mA instrument that draws its operating power directly from the process loop, eliminating the need for an external supply and simplifying field installation.

employs temperature-compensated а piezoresistive transducer with 316 stainless-steel wetted parts for high-precision readings and excellent corrosion resistance. A clear 5-digit LCD displays gauge, absolute, or compound pressure in user-selectable units for instant on-site verification. The Gauge also has an optional low powered bluetooth connectivity function for seamless wireless data access. Onboard data storage capabilities make advanced data analytics possible providing actionable insights.

SPECIFICATIONS

Reference

Measuring Range Customized ranges from -0.01MPa to

100MPa.

(See model selection guide)

Accuracy ±1% to ±0.1%

(See model selection guide)

Units Bar, Psi, Pa, kPa, MPa, mmH2O, mH2O,

Torr, atm, kg/cm²

Pressure Vacuum, Vented (gauge pressure),

Absolute, and Sealed

Loop Powered 2-Wire loop powered instrument to

Feature minimize wire cost Mechanical

Available in a variety of mechanical

Connections connections.

(See model selection guide)

Compatability

Liquid, air and dry gas

Protections Complies to:

> IEC61000-4-2: ESD Protection IEC61000-4-4: EFT Protection IEC61000-4-5: Surge Protection

IP Rating IP67

Wetted Material PEEK, PVC, Nitrile rubber

Bluetooth & Data Connectivity (Optional)

BLE connection with AT Systems mobile application for live data and

downloads

Power Requirements 24VDC ±10%

Information

Power Connection M12 Connector with IP67 rating for easy connecting and disconnecting

APPLICATIONS

- Chemical Industry
- Water and waste water monitoring
- **HVAC** systems
- Industrial distribution systems
- Food & Beverages Industries
- Ammonia Refrigeration Systems
- **Gas Compressors**
- Air Compressors

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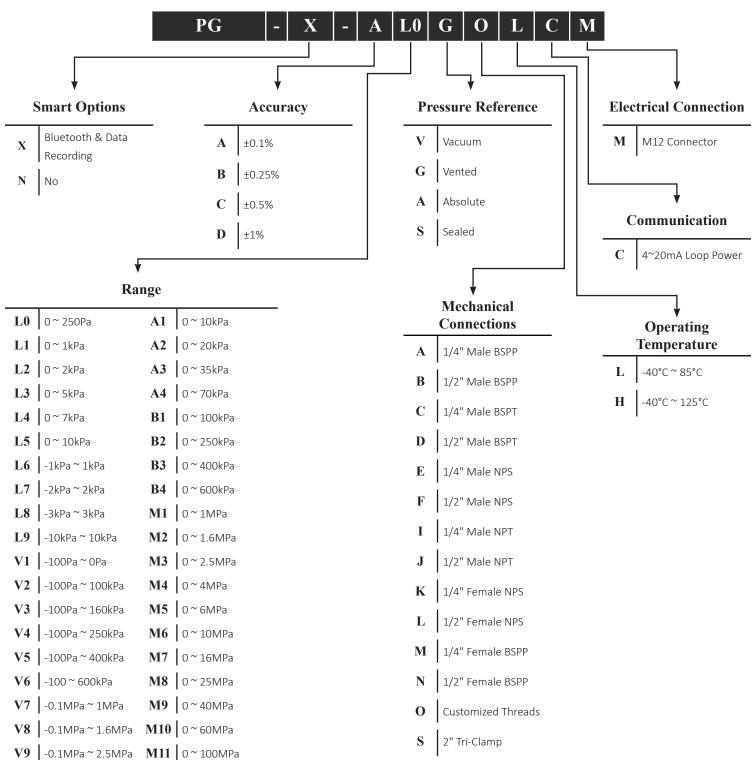
Web: www.at-systems.ca

Email: info@at-systems.ca | sales1@at-systems.ca



MODEL SELECTION GUIDE





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