Invensys Measurement and Instrument Products

For process applications that require high-performance measurement of pressure, temperature, flow, level and analytical variables, IOM Foxboro – Eckardt Field Devices offer:

⇒ High Accuracy
⇒ Long-term stability
⇒ Field-proven robustness in the toughest applications

For the past 100-plus years, Foxboro products have been applied in millions of successful installations in industries such as chemicals, oil & gas, power generation, food, paper, mining and more. Today, the tradition of quality and innovation continues with offerings that incorporate advanced diagnostics, open communication protocols, Field Device Tool (FDT) support and the longest standard warranties in the business. Next day delivery on most products.

Pressure & Level—d/p Cell, Gauge, Buoyancy, Flanged

Foxboro pressure transmitters cover a range of uses, including differential, gauge, and absolute pressure, as well as remote seal-flanged level.

Standard Foxboro pressure transmitters combine field-proven reliable silicon-strain gauge sensor technology with our famous durable packaging, many options and diverse materials selections for difficult duty. 5 year standard warranty.

Foxboro intelligent buoyancy level transmitters are designed to measure liquid level, interface and density. The robust design and highly accurate measurement technology based on Archimedes buoyancy principle provide a best-in-class product for level measurement.

Vortex Flow Transmitters

Foxboro vortex flowmeters are the highest-performing flowmeter on the market. These instruments are designed to be flexible and reliable in harsh process environments. Models 83 and 84 are available in sizes ¼” to 12” flanged; ¾” to 8” wafer; and 2” and 3” sanitary.

⇒ No other vortex flowmeter measures up for accuracy in liquid, gas and steam for temperatures up to 800 deg F (430 deg C).
⇒ Lifetime sensor warranty with option for removing without process shut down. Patented algorithms to improve performance in real world applications. Provides widest flow range available today.
⇒ Ease of configuration using FDT technology.

Coriolis Mass Flow Transmitters

Foxboro Coriolis flow transmitters handle measurements that cause Coriolis meters to fail. They overcome problems associated with entrained gases, empty tube conditions or flash-prone fluids and fully realize the promise of Coriolis measurement to achieve high accuracy, eliminate downtime, avoid workarounds and keeps profits flowing.
Magnetic Flow Transmitters

Magnetic flowmeters are designed to fit a wide range of applications, including water, slurries, chemicals, pharmaceuticals and food stuffs, in a wide range of industries. Foxboro magnetic meters are a reliable flow measurement solution with lower cost of ownership and maintenance, with field-proven stability to maximize the availability of flow measurement.

Temperature Transmitters & Sensors

Foxboro’s complete line of temperature transmitters, sensors thermowells and connection heads will meet all of your requirements.

Our temperature transmitters provide highly reliable, stable and accurate temperature measurements. Foxboro microprocessor-based transmitters are fully user-configurable, and available with a choice of 4-20 mA/HART, Foundation Fieldbus, FoxCom or Profibus communications.

Analytical Transmitters & Sensors

For more than 40 years, Foxboro has supplied robust, accurate, high-quality liquid analytical instrumentation to a wide range of industries, such as chemicals, food & beverage, pulp & paper, metals, semiconductor, power generation, water and waste and many others.

Process analyzers and Sensors, liquid analytical solutions for:

- pH and ORP (Redox)
- Conductivity and resistivity
- Electroless conductivity
- Dissolved oxygen

Valve Positioners

Foxboro positioners offer precise and reliable control in automated applications with a complete line of positioners that covers a variety of application demands:

- Traditional pneumatics to the latest in digital technology
- Advanced diagnostics.
- Ip66, NEMA 4X, and explosion-proof Class 1, Division 1 enclosures
- Up to 60 % less air consumption than conventional electro-pneumatic positioners.

Recorders and Controllers

Foxboro electronic panel and field mounted instruments are perfect for controlling, recording and indicating process variables. Our 6000A Series graphic recorders offer vast capability of electronic data storage and communication with vivid high-resolution color display.

Foxboro controllers and recorders have earned a reputation for accuracy, reliability and solid-state innovation. EXACT self-tuning employs the principles of artificial intelligence to adapt tuning parameters for optimum disturbance response.

Field Device Management

Invensys/Foxboro offers a variety of tools to manage your field devices. These include a multivariable configuration wizard, PC50/FDT configuration software, HHT50 Tablet Configurator and more. Effective tools from Invensys/Foxboro help meet requirements based on the devices you own while providing the information you need to keep your plant operating at peak performance.