

Thermal Flow Meters and Flow Switches From FCI Earn Prestigious Readers' Choice Awards

Chemical, Electric Power Generation, Food/Beverage, Oil & Gas, Pharmaceuticals, Water & Wastewater Treatment, Mining, Metals

San Marcos, CA —The readers of Control Magazine have selected Fluid Components International (FCI) as the #1 supplier of both Thermal Mass Flow Meters and Thermal Flow Switches. The results of the Annual Control Readers' Choice Awards, which represent the collective opinion of hundreds of process automation professionals, can be viewed online at ControlGlobal.com.



In many of the world's most demanding industrial environments for flow instrumentation, FCI's products are requested by name. They are recognized for their precision measurement accuracy and repeatability in harsh conditions, where their high performance ensures both end-product quality and operational safety. The company offers a broad range of application solutions from off-the-shelf devices to custom-engineered systems.

FCI's flow meters feature advanced thermal dispersion mass flow sensors. They combine precision flow measurement accuracy with a rugged design that is compatible with caustic, corrosive, humid and high temperature environments. They are highly reliable, easy to install, require virtually no maintenance and are designed for long-life.

FCI's innovative thermal technology FS10i, ST50/51, ST75, ST80, ST100 and MT100 Series Flow Meters represent the state-of-the-art in air/gas measurement for single-point and multipoint applications. These meters combine the most feature- and function- rich electronics with the industry's most advanced, versatile flow sensors to achieve a truly state-of-the-science flow metering solution for air/gas industrial processes and plant applications, including wet gas.

FCI flow switches are ideal for a wide range of point-level process applications, featuring an advanced, no-moving parts thermal dispersion flow sensor. Their versatile design also allows them to measure flow or level or temperature. The company's NuTec® flow switch utilizes a unique non-contacting flow element that separates the sensor from the process media. FCI flow switches are ideal for interface monitoring in mixed density media, such as foams, emulsion layers and slurries.

FCI's FLT93 Series FlexSwitch™ is the process industry's most advanced heavy-duty thermal dispersion technology flow and level switch in the world. Its multi-parameter measurement design is based on more than 50 years of flow and level switch engineering and application experience, providing a rugged long-life instrument.

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FCI's custom designed flow and level sensors for OEM applications are ideal for use in a wide range of industrial equipment where monitoring, high/low alarming, metering, switching and totalizing are required. Ideal for gas or liquid applications, these devices feature advanced micro-electronics for direct mass flow measurement in a rugged, nonmoving parts design that offers exceptionally high reliability and long-life.

Flow conditioners developed by FCI's Vortab Company provide a low-pressure loss solution to correcting flow profile irregularities that affect the accuracy of flow instrumentation. In today's crowded plants, elbows, valves, blowers and other devices in the pipeline can disrupt flowing media, which reduces measurement accuracy. Vortab® flow conditioners eliminate these flow disturbances to ensure accurate data.

FCI's world-class, fully NIST traceable flow calibration laboratories test and calibrate all FCI products to ensure instrument accuracy with the customers' actual fluid and process conditions. FCI's calibration laboratories are ISO9001:2008 certified and AS9100 compliant. The laboratories also meet MIL-STD-45662A and ANSI/NCSL-Z-540 requirements. The company's advanced technologies also include mechanical design, advanced materials, metallurgy, electronics, communications and more.

FCI solves flow and level measurement applications with advanced thermal dispersion technologies. With 50+ years' experience and the largest installed base of thermal flow meters, flow switches and level switches, count on FCI to know your application and have the solutions.