

New FCI Website Provides Extensive Air/Gas Measurement Applications Information

Flow and Level Monitoring for Processes & Plants



San Marcos, CA — Process and plant engineers searching for measurement and monitoring solutions for air/gas flow measurement and liquid level point monitoring will find extensive applications information, case studies, videos, technical articles and product data available from [Fluid Components International \(FCI\)](http://www.fluidcomponents.com) on its new website.

Designed with a highly intuitive user interface, the new FCI website

supports the instrumentation needs of busy professional engineers and plant technicians. Technical articles and case studies address specific problems and solutions in oil/gas production and refining, specialty chemicals, electric power generation, nuclear power, solid waste treatment, municipal water/waste, biofuels production, food/beverage, pulp/paper and much more.

Rugged, accurate, repeatable superior quality designs have made FCI the leader in thermal dispersion mass flow meters, flow switches and level switches for industrial process measurement applications. FCI air and gas flow meters are applied from small dosing lines to the largest stacks in locations worldwide, many of them operating successfully for over a decade with virtually no maintenance and providing an exceptionally low cost-of-ownership.

From off-the-shelf product solutions to custom engineered products and systems, FCI provides world leading experience and a record of unequalled innovation to meet or exceed customer application demands. Complimenting FCI product leadership is a world class Flow and Level Calibration Facility in which all calibrations are performed in liquids or gases utilizing only NIST traceable equipment and instrumentation. FCI's quality systems meet the stringent, demanding requirements of rigorous MIL-STD-45662A, ANSI/NCSL Z-540 and more.

FCI for five-plus decades has led the world in thermal dispersion technology. It has invested the time and the resources to optimize, continuously improve and perfect this technology. The company provides flow and level measurement solutions for an ever-changing mix of process applications. FCI solutions are designed, verified and tested to meet or exceed customer requirements and the world's most demanding global safety and quality standards.

Today, FCI's products are requested by name in many of the world's most demanding industries. Tens-of-thousands of FCI instruments are installed and operating successfully around the globe in diverse industries: aerospace, chemicals, electronics, electric power generation, food/beverage, mining and metals, oil/gas, pulp/paper, pharmaceutical and more.

The newest generation of air/gas flow meters from FCI combine the most feature- and function- rich electronics with the industry's most advanced flow sensors to achieve a truly state-of-the-science flow metering solution. They combine measurement accuracy with a rugged design that is compatible with caustic, corrosive, humid and high temperature environments.

Flow switches manufactured by FCI 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. They are ideal for interface monitoring in mixed density media, such as foams, emulsion layers and slurries.

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, no-moving 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 measurement.

Fluid Components International is a global company committed to meeting the needs of its customers through innovative solutions to the most challenging requirements for sensing, measuring and controlling flow, level and temperature of air, gases, and liquids.

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