

New DM20 Digital Display for Flow Meters

Panel Mount Display Provides Totalized Flow from Flow Meters



San Marcos, CA

The new DM20 Digital Display from Fluid Components International (FCI) digitally displays totalized flow readings from FCI's popular ST Series thermal dispersion mass flow meters. Designed to replace standard electro-mechanical counters, the DM20 features the latest CMOS technology and incorporates an easy-to-read single line 8-digit B&W LCD display that is 0.276 inches high.

The economical Model DM20 is self-powered with a lithium battery (included) capable of lasting up to 10 years. No separate powering required. It features a 10 kHz count speed, slow speed input for contact closures and high speed input for linking inputs from a maximum of 18 Vdc without a module. This display also is UL approved, CSA listed and CE certified for rigorous industrial environments.

The panel mountable Model DM20 totalizes flow as an 8-digit counter (0 to 99999999 counts). It accepts the pulse output from FCI's ST50 and ST75 Series Flow Meters for a local or remote digital readout of total flow. The totalizer display is ideal for applications that require technician visual monitoring of the process on a frequent basis.

The DM20 features a reset line, which can be activated via a front-panel push-button or via a contact closure to rear-mounted screw terminal block, can be easily mounted in a separate enclosure or control room. It is sized at 0.944 inches (h) -x- 1.89 inches (w) -x- 1.20 (d) inches (24-x-48-x-30.5 mm).

In addition to the DM20, the DM Series includes two additional digital read-outs designed to meet a wide range of meter installation locations and process requirements. Installed near the pipe, these devices can be used with blind flow transmitters as their readout, or with integral display flow meters as a remote mounted additional display, or as an auxiliary display mounted anywhere along a flow control loop.

The DM Series of remote displays are designed for use with the popular FCI ST and GF Series Flow Meters. These flow meters provide direct mass flow measurement of air, fuel gases and process gases. The series includes six different insertion and inline style models: the ST98, ST98L, ST50, ST75, GF90 and the GF92. Each of these popular meters is designed for precision air/gas flow measurement in a wide range of rugged plant applications found in the demanding process and manufacturing industries, including chemical, oil/gas, wastewater treatment, power utilities, food/beverage, heat-treating, metalworking, pharmaceutical, pulp/paper, and others.

Blending superior accuracy over a wide flow range with high repeatability, the rugged FCI Flow Meters are available in a broad range of configurations, including high-speed, high temperature, high pressure, low flow, large line sizes, small line sizes, sanitary, DC or AC powering, and for virtually any gases. Their precision thermal dispersion mass flow measuring technology design is inherently temperature compensated and is virtually drift-free. Installation requires only simple tools and can be done by a single technician.

These flow meters are a no-moving parts design, which means that FCI thermal-dispersion flowmeter require almost no maintenance. FCI flow meters are the right choice whenever accuracy, reliability, durability and lowest lifecycle costs are a primary consideration in air or gas flow measurements

Serving critical process instrumentation needs worldwide, ISO 9001 certified FCI is the world's leading manufacturer of thermal dispersion technology flow and level measurement instrumentation for industry. Since 1964, the company has provided a broad range of liquid, gas and slurry flow/no flow detection, flow meters, liquid level interface, flow conditioning and more.

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 and level of air, gases and liquids.