

Flow Instrumentation

constantly monitors changes in the impedance of the electrode circuit due to the build-up of insulating coatings, and provides an alarm function.

Yokogawa

770/254-0400

www.yokogawa.com

CONTROL FLOW OVER THE WEB

The Universal Module controls mass flow controllers from any manufacturer over the Internet. It allows users to monitor a system of four flowmeters or flow controllers from any PC. Each flowmeter channel has a totalizer, dedicated alarm, and two dedicated relay outputs. The module includes multi-step batch and flow control programs.



All functions can be programmed through the integrated keypad using menu-driven software, or set up via RS-232 or HTML/TelNet interfaces.

Cole-Parmer Instrument

800/323-4340

www.coleparmer.com

AIR/GAS FLOWMETER

ST75 Series flowmeter measures mass flow rate, totalized flow and media temperature of air or gas flows in line sizes from 0.25–2.0 in. It handles a flow range from 0.008–839 scfm, and measures natural gas, methane, fuel gases, combustion air, oxygen, nitrogen and all inert gases and compressed air. It is suitable for use in fuel and air feed lines to furnaces, burners, industrial ovens, heat treating systems, boilers, and power co-generation equipment.

Fluid Components International

800/863-8703

www.fluidcomponents.com

HOLY ORIFICE (PLATE), BATMAN!

The Model 405 Conditioning Orifice Plate has four equally spaced holes that condition the flow profile for a more sta-



ble measurement and provide 0.5% accuracy with two diameters of straight pipe-run. It works with a Model 3051S transmitter and software to form a 3051SFC flowmeter. The flowmeter is suitable for gas and steam applications where a compensated flow output is required.

Rosemount/Emerson

952/949-5165

www.emersonprocess.com

ELECTRONIC FLOW SWITCH

The FS 10 flow switch that combines a solid-state relay and flow sensor in one compact unit measuring 1.5 x 3.55 in. It measures gas flow rates from 0.5–50 m/s and liquid flow rates from 0.01–3 m/s at temperatures from -13–212° F. When a predetermined flow rate is reached, it sends a signal which can to



turn valves or pumps on or off.

E-T-A

847/827-7600

www.e-t-a.com

CLAMP-ON FLOW METER

The Series TFXL flow meter uses time of flight ultrasonic technology to measure flow of any liquid containing less than 40% total suspended solids or aeration. It clamps on the outside of existing pipe systems ranging in size from 1/2–2



in. Outputs include 4–20 mA and a choice of simulated turbine meter or TTL-pulse frequency, allowing direct interface to data collection systems.

Dynasonics

262/639-6770

www.dynasonics.com

MASS FLOW METERS GET GAS

Model GFM thermal mass flow meter measures the flow rate of gases with accuracy of 1.5% FS and repeatability of 0.5% FS. Readings on a LCD built into the top of the meter are in direct engineering units in terms of specific gases. Options include remote readouts 0–5 VDC and 4–20 mA analog outputs, and



aluminum and stainless steel enclosures.

Aalborg

800/866-3837

www.aalborg.com

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Visit www.controlglobal.com