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FOR IMMEDIATE RELEASE

UNIVERSAL FLOW MONITORS ANNOUNCES COOLPOINT™ FLOWMETERS FOR FLOW CONSISTENCY

Universal Flow Monitors, Inc. announces Coolpoint™ vortex shedding flowmeters for consistent flows of cooling water, water/glycol coolant, water with chemicals added, and corrosive fluids in processing applications.



CoolPoint™ flowmeters are offered in pipe sizes ranging from 1/4 inch to 4 inches, providing 4-20 mA transmitter maximum flow rates ranging from 4 gallons per minute (15 liters per minute) to 600 GPM (2271 LPM). The flowmeters are available with brass flow bodies for water and coolant and with stainless steel flow bodies for corrosive fluids and water with chemicals added.

Flow consistency is provided by the CoolPoint™ flowmeters' high accuracy and repeatability. All CoolPoint™ models are offered with +/-2 percent full-scale accuracy and flow repeatability of +/-0.25 percent (1/4 of 1 percent) of indicated flow as standard.

CoolPoint™ flowmeters are electronic instruments that can measure and monitor water and corrosives which may contain particles. Unlike mechanical switches, the vortex shedding meters have no moving parts to stick or coat, eliminating potential for clogging.

The stainless steel models for corrosion resistance are available in 1/4 inch through 2 inch pipe sizes. Polyvinylidene fluoride (PVDF) sensors and Viton® perfluoroelastomer seals are standard. Models with the 316 SS bodies can be equipped with Kalrez® perfluoroelastomer seals for added reliability in harsh chemical environments.

Pipe sizes from 3/4 inch to 4 inches are available with a temperature transmitter for flow applications involving heat removal. These flowmeters have the added capability of monitoring temperature readings and transmitting them to a process controller. The meters provide temperature readings ranging from 35 degrees F (2 degrees C) to 210 degrees F (99 degrees C), which can be expressed in either Celsius or Fahrenheit on the local LED readout.

A flow totalizer is offered on 3/4 inch to 2 inch sizes for controlling the total water or coolant in a process. The totalizer features a six-digit LED display, pulse output and push-button selection for GPM or LPM. Users can toggle between running and resettable totals.

Flow turndown of 10:1 is standard, with 20:1 available as an option on certain models. The increased turndown ratio improves user capability to detect, read and record low flows, an advantage in batching and in standardizing on a single flowmeter model for multiple applications.

Universal Flow Monitors, Inc., located in Hazel Park, Michigan, has manufactured flowmeters for a variety of industries for more than 20 years. The company can be reached at (248) 542-9635 or at www.flowmeters.com. Website visitors can access a CoolPoint™ product video and product literature by scrolling to “Water-Flow Rate, Total or Rate/Temp Combo” on the homepage.