

## NEWS RELEASE

FOR IMMEDIATE RELEASE

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### **New Universal Input Display Transmitter/Alarm Features Extra-Large Digits for Big and Bright Indication of Process or Temperature Values**

*Acromag's new line of panel meters provide process current transmitter output and limit alarm relays for current, voltage or temperature inputs.*

**Wixom, MI:** The first release from Acromag's new Vertu™ brand of innovative instrumentation is the VPM3000 Series of universal input displays with transmitter and alarm capabilities. These instruments combine the digital indicator function of a panel meter with optional signal conditioning for 4-20mA transmitter output and/or alarm trip solid-state relays. The big and bright 1.2 inch (31mm) high numerals are clearly visible from far away, even in bright sunlight. Field-selectable inputs accept process current/voltage and temperature sensor signals including 4-20mA, ±20mA, 0-10V, ±10V, Pt RTDs, and most common thermocouple varieties. For additional versatility, units can provide power to drive a 4-20mA transmitter and other instruments. Modbus RTU serial communication is also supported.

The VPM3000 displays are easy to set up and install. Units are configurable using the front-panel pushbuttons, free Windows software, or a copy function from other units. Models are available for operation from 85-265V AC or 12-36V DC power sources. AC units can provide single or dual isolated 24V DC supplies to power a 4-20mA transmitter or other instruments. A shallow-depth 1/8 DIN enclosure with a NEMA 4X front panel simplifies installation. UL/cUL listing meets industrial control equipment safety requirements.

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*“These versatile signal conditioners can satisfy requirements for a process or temperature transmitter, alarm trips, and high-visibility display with a single unit” asserts Robert Greenfield, Acromag's Business Development Manager.*

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Other advanced capabilities add further value. In addition to converting sensor signals to a scaled 4-20mA current for retransmission to controllers or recorders, units can also perform flow computation functions. The square root function can linearize the signal from a differential pressure transmitter to display flow rate in engineering units. A low-flow cutoff feature sets a user-defined threshold that forces the display to zero for slow flow rates that often produce unsteady output from a differential pressure transmitter. A pushbutton easily toggles display of min/max values. Dual relays enable a variety of alarm trip configurations for high/low, high/high, and low/low limit triggers. They can also be used for process on/off control and pump alternation applications. For desktop monitoring and data acquisition applications, the free software can display and log data from multiple meters on your PC.

Acromag, a mid-sized international corporation, has been developing and manufacturing measurement and control products for more than 60 years. They offer a complete line of industrial I/O products including process instruments, signal conditioning equipment, data acquisition boards, distributed I/O systems, and communication devices.

For more information about Acromag products, call the Inside Sales Department at (248) 295-0880 or Marketing Communications at (248) 295-0866. You can also visit us online at [www.acromag.com](http://www.acromag.com), e-mail [sales@acromag.com](mailto:sales@acromag.com), or write Acromag at 30765 S. Wixom Rd., Wixom, MI 48393-2417 USA.

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High-resolution digital image upon request  
Shown: VPM3000 universal transmitter/alarm with display

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