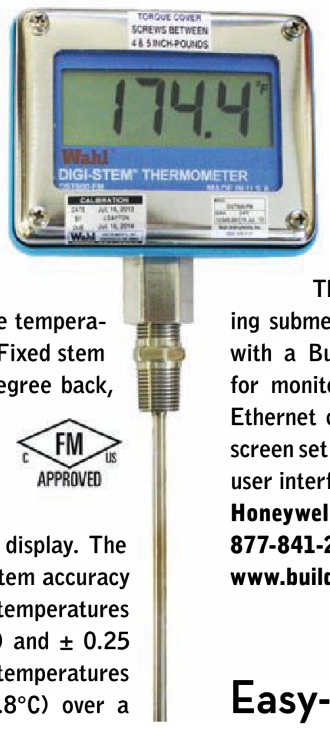
What's New

Please send product releases to newproducts@achrnews.com.

Digital Thermometer



The Wahl DST500-FM Digital RTD thermometer is a wide-range, high-accuracy thermometer designed for hazardous locations where accurate and reliable temperature monitoring is critical. Fixed stem probes in straight or 90-degree back, left, or right angle connection from either 304 or 316 stainless steel are available, with user-selectable Fahrenheit or Celsius display. The 4-wire RTD has a total system accuracy of ±0.3°F (±0.2°C) for temperatures less than 300°F (148.8°C) and ± 0.25 percent of reading for temperatures greater than 300°F (148.8°C) over a one-year period. Temperature range is -328° to 1,472°F (minus 200°-800°C). The 1-inch, four-digit LCD display is readable from 30 feet, with resolution of 0.1°F/°C (1°F above 999.9°). The rugged stainless steel and polycarbonate housing is rated NEMA 4X. The Wahl DST500-FM is factory configurable to your specification. System is tamper-resistant, with all adjustments requiring the optional DSTCAL software kit for programming and calibration. Use DSTCAL to adjust sample rate from 0.25 to 10 seconds in 0.25-second intervals. DST500-FM Models are made in the U.S. and include a two-year warranty; NIST traceability is available. Standard DST500 models are also available.

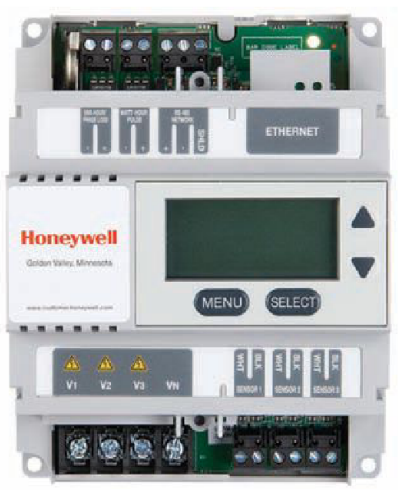
FM APPROVED

Palmer-Wahl
800-421-2853
sales@palmerwahl.com
www.palmerwahl.com

eProduct 181

Energy Meter

Honeywell has announced Din-Mon energy meters — communicating submeters that easily integrate with the Building Automation Systems and help building owners and managers monitor, measure, and reduce energy costs. In response to customer demand for easy installation, Din-Mon energy meters can be installed on wall-mounted DIN rail or in HVAC equipment enclosures. Designed to be installed in both new and retrofit DIN rail installations, revenue-grade Din-Mon energy meters enable tenant billing and departmental cost allocation as well as provide insight into energy use patterns to identify failing equipment and inefficiencies. They are ideal for a variety of facilities, including commercial, multifamily, industrial, educational, institutional, and governmental.



The Din-Mon is a communicating submeter that integrates directly with a Building Automation System for monitoring key system data over Ethernet connections. Din-Mon offers full on-screen set up and configuration via an enhanced user interface.

Honeywell Intl. Inc.
877-841-2840
www.buildingcontrols.honeywell.com

eProduct 182

Easy-Install Air Cleaner

The Model 1610 Easy Install™ Air Cleaner, designed with a fully assembled transition, allows technicians and installers to easily and quickly fit the unit into most existing upflow applications in under an hour, according to the company. The product consists of a fully assembled transition, which eliminates the need for field-forming a transition or turning vane. Readily adjustable for right- or left-side installs, the unit is equipped with a series of tabs at the opening that can be modified to accommodate various duct sizes, from 8 inches by 20 inches to 10 inches by 24 inches. According to the company, an installer or technician only needs simple sheet metal tools to complete the installation.

Aprilaire
800-334-6011
www.aprilairepartners.com

eProduct 183

Programmable Operator Interface

A new series of HMI products includes models ranging from 5.7 to 15 inches. The Monitouch V9 Series includes three lineups — the V9 Lite, V9 Standard, and the V9 Advanced, designed as a migration path for V8 Series customers while also offering step-up features for more advanced applications. All models in the V9 Series are UL-certified and come standard with onboard Ethernet ports and SD card slots, allowing for better connectivity to peripheral devices. Select models will have onboard sound output; wireless LAN (access point incorporated); and be Class 1, Division 2 rated. The VNC server function ensures that all models can be accessed from a tablet or PC, and the compatibility of all V9 Series models with VPN means a safer and more secure network environment, said the company.

Fuji Electric Corp. of America
732-560-9410
www.americas.fujielectric.com

eProduct 184

Spray Lubricant

SprayLube 990 is a strong spray lubricant with hundreds of applications. The new SprayLube 990 penetrates and loosens rust and corrosion on metal-to-metal parts. Formulated with corrosion inhibitors, SprayLube 990 protects surfaces as well as lubricates and displaces moisture. SprayLube 990 is ideal for lubricating and protecting a variety of parts, including pintle hooks, drive train sprockets, door hinges, and many others.

Buyers Products
440-974-8888
www.buyersproducts.com

eProduct 185

Brass CPVC Fittings

Uponor North America is launching six new ProPEX® Lead-free (LF) Brass CPVC Adapter Fittings for transitioning from CPVC to PEX in commercial plumbing and hydronic distribution piping systems. The fittings, which are available in 1¼-, 1½- and 2-inch sizes; are offered in a spigot and a socket adapter; and all feature Uponor's durable, reliable ASTM F1960 ProPEX expansion system for connecting to PEX piping. The ProPEX end of the fitting is manufactured with lead-free brass and is tested and listed to NSF 61 and NSF 372 to meet lead-free requirements. The CPVC end of the fitting is designed to transition from copper tube size (CTS) pipe and fittings, and is listed to the ASTM D2846 standard for CPVC fittings.

Uponor, Inc.
800-321-4739
www.uponor-usa.com

eProduct 186

notable publisher's pick

Digital Psychrometer

The DTH35 Digital Psychrometer with Enthalpy allows technicians to measure temperature and relative humidity, and calculates wet bulb, dew point, and enthalpy values. The design makes in-duct measurement possible with the 4-inch-long probe while the magnetic mount allows for hands-free measurement on grilles or other metal surfaces.

The unit includes a large backlit display, with hold, minimum/maximum functions, and a one-year limited warranty.

UEi Test Instruments
503-644-8723
www.ueitest.com

eProduct 187

Air Flow Monitoring Station

Integrating thin-film resistor sensing and patented air-sampling technologies, the NJK Precision Air Flow Monitoring Station features an air foil and multiple precision-formed air passages (hole pattern) that are integrated into a stainless steel assembly. Built to order, the structure's engineered hole pattern can maintain its measuring accuracy, even with 50 percent hole blockage. The system fits into existing ductwork — no duct removal is required.

NJK Precision, a division of Von Weise LLC
954-651-1346
www.njkprecision.com

eProduct 188