Instrumentation & Automation News

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Product News for the Instrumentation, Control and Automation Engineer

SMART TEMPERATURE TRANSMITTER, TDZ, supplies up to ±0.025°F and ±0.014°C accuracy and exceptional stability specifications that allow up to five years between calibrations. It features a two-line, digital display that shows real-time process status and valuable loop diagnostic information. Its alphanumeric characters can be customized to display input, 4-20 mA output, degrees C or F. **Moore Industries-International**, 16650 Schoenborn St., Sepulveda, CA 91343, 818-894-7111.
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ETHERNET-READY MODULE, BFOOT-10501, can be embedded into a wide range of products to allow them to be remotely monitored and controlled from any Internet browser. The matchbook-sized module has a 10Base-T interface so that it can be connected directly to any of hundreds of thousands of Ethernet networks around the globe. **Agilent Technologies**, 8600 Soper Hill Rd., Everett, WA 98205. 425-335-2654.
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DATA RECORDER, SIR-1000i, provides 16 analog channels at 20 KHz, each with selectable ICP® input. Channels can be expanded to 32 channels of 20 KHz signal input or up to 128 channels at 5 KHz by adding SCX channel expansion units. The inherent qualities of the ICP sensor make it desirable for a range of engineering applications. **Sony Precision Technology America**, Inc., 20381 Hermana Circle, Lake Forest, CA 92630. 949-770-8400.
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CONNECTORS, Cage Clamp Compact 869 Series, connect 28-12 AWG and have a current rating of 24 amps with a rated voltage of 500 V that is ideal for use in electrical appliances and small terminal blocks. **WAGO** Corp., N120 W19129 Freistadt Rd., Box 1015, Germantown, WI 53022. 262-255-6222.
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This Month's Award Winners

REMOTE WEB-BASED TESTING AND DEVELOPMENT PLATFORM, from **Electro Standards Laboratories**, acts as a virtual engineering laboratory.
Write-in 7 or www.ianmag.com/info
Turn to page 41

REDUNDANCY MANAGER AND RAIL SWITCH, from **Hirschmann**, Inc., brings true Ethernet capability to industrial environments.
Write-in 8 or www.ianmag.com/info
Turn to page 43

SERVER, iLON™ 1000 IP, from **Echelon** Corp., connects everyday devices to the Web.
Write-in 9 or www.ianmag.com/info
Turn to page 45

ADJUSTABLE SPEED DRIVES, AF-300 G11™ constant torque drives and the AF-300 P11 variable torque drives, use simple commands from local or remote keypads or from facility management systems to operate. Pre-loaded motor parameters and factory defaults are included for out-of-the-box installation. **GE Fuji Electric**, 1501 Roanoke Blvd., Ste. 435 Salem, VA 24153. 800-543-6196
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VISION GUIDED MOTION using Ethernet TCP/IP as an interface combines DVT's SmartImage sensors with ORMEC's family of motion controllers. The interface utilizes the Modbus TCP applications protocol to communicate over standard Ethernet TCP/IP machine control networks, and creates a simple, straightforward approach to implementing vision-guided motion applications. Using the Ethernet TCP/IP interface is faster than serial communications. It eliminates the need for extra code to parse and convert ASCII strings, and it makes it easier to interface the motion controller to multiple SmartImage