Laser Alignment For Steam And Gas Turbines

Centralign Ultra from Ludeca was developed for the alignment of steam and gas turbines. The system precisely aligns internal elements with upper halves installed or off, for distances up to 133 ft. Accurate bore measurements can be acquired without interrupting other work taking place in the turbine, saving time over traditional methods. Centralign Ultra assures true bore center measurement and reveals bore out of roundness. Stable wireless data transmission ensures reliable and complete data transfer of information between the measuring sensors and the computer.

Ludeca, Inc.
Doral, FL

For more info, enter 37 at www.MT-freeinfo.com

Submersible Sewage Pumps With Premium-Efficiency Motors

ABS EffeX submersible sewage pumps are driven by premium-efficiency motors that reduce energy consumption and environmental impact. The pumps are designed to provide higher

pump reliability, fewer blockages and lower operational costs for wastewater treatment facilities. They have been introduced in anticipation of forthcoming legislation in many countries regarding higher motor efficiency for submersible pumping. According to the company, the new pumps focus on delivering reliable operation, with greater safety margins and greater blockage resistance.

ABS Group
Meriden, CT

For more info, enter 38 at www.MT-freeinfo.com

Portable Calibration Verification

Wahl's Heat Spy® Portable Calibration Black Body is an ambient-temperature black body used for single-point calibration verification and the checking of thermal imaging cameras, as well as point IR thermometers. With an accuracy of ± .3 F (.2 C) over the entire range, it offers a reliable way to confirm instrument accuracy both in the field and in-house. Housed in a watertight IP67 carrying case, the Portable Calibration Black Body is lightweight, portable, and easy to use. Simply turn it on, point and compare readings.

Wahl Instruments, Inc.
Asheville, NC

For more info, enter 39 at www.MT-freeinfo.com

Pushbutton, Side-Entry Terminal Block

WAGO's new 805 Series side-entry PCBs can simplify wiring via push-in and push-button-actuated terminations. They come in standard 2- to 24-pole configurations; feature 3.5mm pin-spacing for conductors AWG 24–16; and are UL/CUL certified at 300V/10A. The 805 Series also offers the industry's only internal factory-installed jumper system for commoning, conserving conductor capacity in high-density applications. According to the company, these products significantly reduce wiring times.

WAGO Corporation
Germantown, WI

For more info, enter 40 at www.MT-freeinfo.com

Electric Torque Multipliers

Mountz says its electric torque multipliers make for easy, precision tightening and loosening in heavy-duty fastening tasks. The product shuts off when pre-set torque is achieved, is non-impacting and operates at a smooth, continuous rotation with a high-performance, brushless motor. These tools eliminate the cumbersome setup time and slow ratcheting process of hydraulic wrenches. Mountz also says using its product is ergonomically safer than hammering with an impact wrench.

Mountz, Inc.
San Jose, CA

For more info, enter 41 at www.MT-freeinfo.com

Control-Switch Relay Mitigates Arc Flash

A Time Delay Control Switch Relay (TD-CSR) from Electroswitch provides a safe and effective means for local control to mitigate the arc flash danger in circuit breaker operation. It allows for a manually initiated time-delay trip or close operation that incorporates a flashing LED to notify the operator of a pending trip or close operation and to evacuate the “arc flash” area. SCADA operation is not required. Local trip or close capability is initiated and delayed for 10 seconds with an option to easily cancel the pending trip or close operation.

Electroswitch Corporation
Weymouth, MA

For more info, enter 42 at www.MT-freeinfo.com

Ultra-Low-Noise Remote Charge Converter

The model 2771C-XX ultra-low noise remote charge converter (RCC) from Endevco Corp. is for use with charge output piezoelectric sensors within mechanical-system health monitoring, nuclear power plant/regenerative energy and environmental testing applications. Model 2771C-XX offers a rugged two-wire (IEPE), single-ended design that operates from constant current power (4-20 mA). Both RCC signal output and current to the RCC are carried along the same wire. The converter offers broadband noise range down to 5µ Vrms, with a frequency response of 0.4 to 50 kHz.

Endevco Corp.
San Juan Capistrano, CA

For more info, enter 43 at www.MT-freeinfo.com

Structured Bus Solution

The Powerwave Bus System ™ from PDI is a modular pre-engineered product line expansion into the structured bus distribution market. PDI has incorporated the simplicity of vertical drop downs from a common bus with the integration of PDI’s award-winning Wavestar™ technology

for intelligent monitoring and communications. The system features a 225 and 400 amp continuous rail system; Tough Rail Technology™ that streamlines and simplifies installation; Integrated Wavestar™ communications bus; and a wraparound electromagnetic interference (EMI) shield.

Power Distribution, Inc.
Richmond, VA

For more info, enter 44 at www.MT-freeinfo.com

Video Software Supports Wonderware ActiveFactory

Video Historian software from Longwatch that supports the Wonderware ActiveFactory trend chart object enables users to link plant video directly with Wonderware's graphical data trend charts automatically. The result is the ability to see exactly what was happening in the plant when trend pens were in a particular condition. This application is part of the Longwatch Version 5.0 system.

Longwatch, Inc.
Norwood, MA

For more info, enter 45 at www.MT-freeinfo.com