Expanded Line Of Heavy-Duty Actuators

A-T Controls notes that its expanded line of Triac THD heavy-duty scotch yoke actuators is engineered for the most demanding liquid and air handling applications, powering quarter-turn dampers and valves with up to 1,600,000 in. lbs. (180,800 nm) torque. Capable of operating ball, butterfly and plug valves, dampers or louvers (any device that requires quarter-turn movement for on-off or throttling service), they incorporate a symmetrical-design yoke that delivers maximum torque at both ends of the 90° cycle. This proven design stands up to hard service in industries such as oil and gas, power generation, chemical processing, water/wastewater, mining, primary metals and pollution control.

A-T Controls
Cincinnati, OH

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

Improved NDT For AC & DC Rotating Equipment

Electrom Instruments' new iTIG Surge Tester-Winding Analyzer provides non-destructive tests for all insulating systems of rotating apparatus (AC and DC). According to the manufacturer, this portable, rugged and dependable device differentiates itself from other products by finding faults where other testers do not. This is because it more closely duplicates motor operating conditions. The iTIG is unique because it has two live surge channels pulsing at 60Hz. Live multi-phase testing at 60Hz creates a much smaller margin for error and eliminates weak insulation going undetected.

Electrom Instruments
Loveland, CO

For more info, enter 38 at www.MT-freeinfo.com
Pump Controller Can Save Your Time, Energy & Money

The new S-Drive Simplex Variable Speed Pump Controller from Goulds Pumps features simple wiring, startup and programming. Pre-packaged in an outdoor NEMA 3R enclosure, it's cUL listed to meet Canadian CSA safety standards. The S-Drive has been designed for a number of submersible and above-ground centrifugal pump applications, including providing supplemental water pressure in buildings up to 10 floors, on a permanent basis or during periods of peak demand. This is a true variable frequency controller in that it adjusts motor speed to match the hydraulic needs of the system in order to maintain pressure (up to 70% energy savings over fixed speed pumps is common).

Goulds Pumps
A Brand of ITT Corporation
Seneca Falls, NY

For more info, enter 39 at www.MT-freeinfo.com
Multifunctional Meter Does Almost Everything

Extech's new feature-rich, multifunctional 461880 is a combination vibration meter and laser tachometer that measures acceleration, velocity and displacement, as well as RPM and linear surface speed. A large LCD rotates the numerical readout 180˚ following the orientation of the meter. Among other things, the 461880's vibration meter features a remote vibration sensor with a magnetic adapter on 39" (1m) cable, a wide frequency range of 10 Hz to 1 kHz and RMS or Peak Value measurement modes. The instrument's tachometer component features a laser for greater distance, non-contact measurements up to 4.9 ft. (1.5 m) and has the capability to store Last, Max. and Min. readings.

Extech Instruments
Waltham, MA

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

IOtech's 2009 Data Acquisition Solutions Catalog, featuring, among other things, the company's *Out-of-the-Box* data acquisition products, is now available for download from the IOtech Website. Included in it are the new 6000 Series of data acquisition modules with up to 24-bit resolution, high-speed sampling and built-in signal conditioning for measuring strain or voltage. Each module also includes Encore interactive measurement software. Encore is an all-new application that allows users to log data, analyze signals and produce test reports.

IOtech
Cleveland, OH

For more info, enter 41 at www.MT-freeinfo.com
Class I Division 2 Accelerometers & More

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

AODD Pumps Certified For Explosive Environments

Wilden has announced that its groundable Advanced™ and Original™ X Series Metal and Plastic air-operated double-diaphragm (AODD) pumps comply with two ATEX 95 (European) directives for explosive atmospheres. Realizing that safety in potentially explosive areas can only be guaranteed by a close and effective working relationship among all parties, Wilden has taken responsibility for its pumps' compliance with the necessary ATEX directives. The company's metallic X Series pumps comply with ATEX 94/9/EC Group I, category M2 and Group II, category 2, zones G and D. Its plastic X Series pumps comply with ATEX 94/9/EC Group II, category 2, zone G. Wilden also offers ATEX Retrofit Kits for its metal and plastic pumps that utilize the Accu-Flo™, Turbo-Flo™, Pro-Flo® and Pro-Flo V™ air-distribution systems. These retrofit kits feature parts that are constructed of electrically and statically dissipative materials, with a wide variety of appropriate elastomer options. All of the parts feature a special ATEX marking that indicates the suitable ATEX categories where the pump can be installed.

Wilden Pump Company
A Member of Dover Corporation's
Pump Solutions Group (PSG)
Grand Terrace, CA

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