Written by MT Staff
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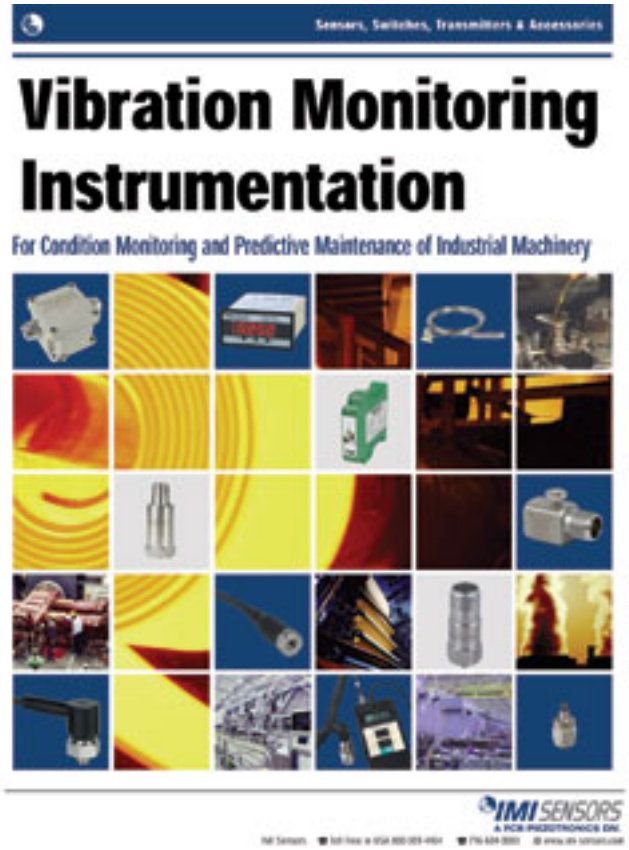

IMI Sensors, a division of PCB Piezotronics, Inc. (see below), is dedicated to addressing the machinery vibration sensing needs for condition-monitoring, predictive-maintenance and process-control requirements across industry. The company is one of the world's most recognized manufacturers of industrial accelerometers, 4-20 mA transmitters and switches for vibration monitoring and predictive-maintenance applications. All IMI sensors and vibration switches are designed to withstand the rigors of harsh industrial environments. Included among these products are sensors that interface directly with vibration data collectors and analysis equipment, as well as with process monitoring equipment, PLC, DCS, alarm and SCADA systems. IMI proudly states that 100% of its products are made in the USA and backed by a Total Customer Satisfaction policy.

Virtually all IMI Sensor products are certified for use in hazardous areas through CSA and ATEX. That includes the company's Series 686B USB Programmable Smart Vibration Switch (shown here) that recently received ATEX approval. This "smart" product is designed for 24/7 continuous protection of cooling towers, fin fans, pumps, HVAC systems and other critical machinery operated in hazardous areas.

The Series 686B Programmable Smart Vibration Switch is hermetically sealed and mounts with a single stud, like a sensor. It includes an embedded piezoelectric acceler-ometer for accurate measurement; monitors vibration velocity for more consistent results; and, according to the company, provides the type of reliability not found in mechanical switches. Among other things, the product offers a remote reset capability and USB-programmable threshold and time delays to avoid false trips. A user-friendly, drop-in retrofit for most popular mechanical vibration switches, the Series 686B only requires two wires and can replace legacy units without the need for additional cable runs.

IMI Sensors
Depew, NY

For more info, enter 34 at www.MT-Freeinfo.com

PCB Piezotronics is a global leader in the design and manufacture of force, torque, load, strain, pressure, acoustic and vibration sensors, as well as the pioneer of ICP® technology. This instrumentation is used for test, measurement, monitoring and feedback-control requirements in

automotive, aerospace, industrial, R&D, military, educational, commercial and OEM applications.