Ideal Solution for Protecting Critical Rotating Equipment from Costly Downtime

IMI Sensors, a division of PCB Piezotronics, Inc., announces the release of its Model 682A16 Universal Transmitter for 24/7 vibration monitoring. Designed to protect plant and process machinery (including pumps, motors, fans and other critical rotating equipment) by providing crucial information that avoids costly downtime and increases productivity and profitability, the 682A16 universal transmitter is ideal for vibration monitoring applications with IMI's 4 to 20 mA sensors or IMI's ICP® accelerometers, and can be used with existing PLC, DCS, and SCADA systems leading to alarm, control, or shutdown.

The Model 682A16 is a DIN rail mounted, relay module with optional detachable front panel LCD display and programmer (Model 070A80 sold separately) for industrial monitoring, control, and alarm requirements. The 682A16 provides loop power for 2-wire, 4-20 mA sensors and ICP excitation for analog 8 mV/g to 120 mV/g accelerometers.

It also accepts a variety of sensor input signals including mA, Thermocouple, RTD, Linear Resistance, and Potentiometer.

The 682A16 is the latest addition to the IMI family of DIN rail mount products. The unit complements the existing product line which includes an ICP® 4-20 mA vibration transmitter, a fully-programmable universal transmitter, a DIN rail enclosure, and 24 VDC DIN rail mount power supply.

A fully programmable universal transmitter with current output, voltage output, and two set points with Form A relay outputs (2 amp AC, 1 amp DC), the 682A16 operates from 19.2 to 300 VDC, or 21.5 to 253 VAC power and normalizes the vibration output. It provides relays independently set (NO or NC) and features programmable set-points and time delays. The 682A16 also supports password protection for security and memory retention of all set up parameters.

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