

February 25 2014

## Meggitt releases high-EMI resistant vibration sensors

**Germantown, MD** - Meggitt's HV (high voltage) isolated sensors are designed for vibration monitoring in high electromagnetic environments commonly found near wind turbines, including the base and nacelle, and rotating machinery such as bearings, gearboxes. The rugged design and high performance components of the HV series ensure reliable operation in harsh electromagnetic environments without signal loss or delays.

The sensing element of the HV series is isolated from the sensor base and casing to offset the effect of high voltage and electromagnetic interference (EMI) often found in wind turbines and VFD/SCR controllers. The isolated pellet offers extra protection for internal electronics. Ceramic housings and hermetic sealing provide isolation up to 6,000 volts promoting long-term stability.

"The HV series offers outstanding resistance to high EMI events especially found in potentially charged atmospheres found near wind turbines," said Peter Eitnier, Applications Engineer for Wilcoxon Research® sensors. "HV sensors detect changes in machine performance, which helps enable scheduled maintenance, equipment stability and continuous power generation in harsh environments."

The compact, top-exit sensors are installed easily and are available in multiple configurations of M12 or MIL-5015 connectors, and M6, M8 or ¼-28 mounting. 100 and 500 mV/g low frequency models for seismic monitoring measure ultra-low levels down to 0.1 Hz. For superior electrical isolation, the HV sensors can be paired with the rugged 6Q, IP68-rated waterproof Viton® boot connector with multiple locking seals for secure connection.

To learn more about Meggitt's HV-series, visit [www.wilcoxon.com](http://www.wilcoxon.com) or e-mail [wilcoxon@meggitt.com](mailto:wilcoxon@meggitt.com).

ENDS

**Meggitt Sensing Systems**, a division of Meggitt PLC, is one of the world's leading providers of high performance sensing and condition-monitoring solutions for high value rotating machinery and other assets. It has operated since 1927 through its antecedents — ECET, Endevco, Ferroperm Piezoceramics, Lodge Ignition, Sensorex, Vibro-Meter and Wilcoxon Research. [www.meggittsensing.com](http://www.meggittsensing.com)

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