

Vibration Sensor Demonstrates Tight Tolerance



Having a frequency response of 3 dB, Wilcoxon Research's 780A-IS 100 mV/g general-purpose vibration sensor exhibits $\pm 5\%$ tolerance from 0.4 Hz to 14 kHz. The tool's 2-pin MIL-C-5015 connector presents compatibility with existing cabling infrastructure, and fits the same connector used on the majority of industrial accelerometers. The hermetically-sealed sensor meets Intrinsic Safety (IS) Class I Division 1 certification and KEMA Class 1 Zone 0 requirements of the ATEX directive. The device operates with ESD protection and EMI/RFI shielding in a temperature range from -50°C to 120°C in hazardous areas where flammable or explosive materials are present without causing electrical sparks or spots strong enough to cause ignition of gases or dusts in the air.

Wilcoxon Research
281-213-8238, www.wilcoxon.com [1]

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