

Class I Division 2 accelerometers

Wilcoxon has six sensors certified for use in Class I Division 2 (Zone 2) hazardous environments typically associated with the oil and gas, mining, steel, chemical processing, pharmaceutical, and petrochemical industries.

Class I Division 2 (Zone 2) general purpose accelerometers:

- **786A-D2** Standard top exit
- **787A-D2** Standard side exit
- **787A-M8-D2** Side exit with M8 mounting stud
- **780A-D2** Compact for portable data collection
- **786F-D2** Integral cable
- **786T-D2** Dual output temperature sensor



All sensors have a sensitivity of 100 mV/g, and a tight $\pm 5\%$ sensitivity tolerance, and are certified for installation in Class I Division 2, Groups A,B,C,D E, F, G and Class I Zone 2 AEx na IIC T4.

Customize suitable* mating cable assemblies to your application:

Cables:

- > **J9T2A** twisted pair with yellow Teflon® jacket
- > **J9T3A** 3-conductor with yellow Teflon® jacket
- > **J10** twisted pair with grey Enviroprene jacket
- > Standard and custom lengths

Connectors:

- > **6D2** 2-pin connector, MIL-C-5015 style
- > **6GD2** 3-pin connector, MIL-C-5015 style (compatible with the 786T-D2)
- > Connectors can be lock wired to prevent them from inadvertently backing off the sensor

*Cable assemblies are deemed suitable for Class I Division 2 (Zone 2) installation. Final installation certification is determined by the governing authority

The new Class I Division 2 (Zone 2) sensors expand Wilcoxon Research's already extensive hazardous area product offering. To view Wilcoxon's Intrinsically Safe and Explosion Proof accelerometers, velocity sensors, and 4-20 mA vibration sensors, go to http://www.wilcoxon.com/vi_intrinsic.cfm.

