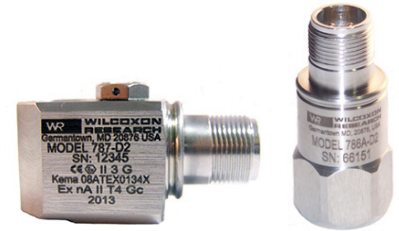


## Class I, Division 2 accelerometers

Wilcoxon offers a range of IEPE sensors certified for use in Class I, Division 2 (Zone 2) hazardous areas, typical of the oil and gas, mining, steel, chemical processing and petrochemical industries. Several API 670 compliant models are available.



	Model	Sensitivity, $\pm 5\%$ (mV/g)	Frequency response, $\pm 3$ dB	Temperature range	Connector style
Top exit	<b>780A-D2</b> Compact, API 670 compliant	100	0.4 Hz - 14 kHz	-55° to 120°C	2-pin MIL-C-5015
	<b>786-500-D2</b> High sensitivity, low frequency	500	0.2 Hz - 10 kHz	-50° to 120°C	2-pin MIL-C-5015
	<b>786-500-M12-D2</b> High sensitivity, low frequency	500	0.2 Hz - 10 kHz	-50° to 120°C	4-pin M12
	<b>786A-D2</b> General purpose, API 670 compliant	100	0.5 Hz - 14 kHz	-55° to 120°C	2-pin MIL-C-5015
	<b>786A-M12-D2</b> General purpose, API 670 compliant	100	0.5 Hz - 14 kHz	-55° to 120°C	4-pin M12
	<b>786F-D2</b> General purpose, integral cabling	100	0.5 Hz - 13 kHz	-50° to 120°C	Integral cable
	<b>786T-D2</b> Dual output (vibration + temperature)	100	0.5 Hz - 12 kHz	-50° to 120°C	3-pin MIL-C-5015
Side exit	<b>787A-D2</b> General purpose, API 670 compliant	100	0.5 Hz - 10 kHz	-55° to 120°C	2-pin MIL-C-5015
	<b>787A-M8-D2</b> M8 mounting, API 670 compliant	100	0.7 Hz - 10 kHz	-55° to 120°C	2-pin MIL-C-5015
	<b>787A-M12-D2</b> General purpose, API 670 compliant	100	0.5 Hz - 10 kHz	-55° to 120°C	4-pin M12
	<b>787-500-D2</b> High sensitivity, low frequency	500	0.2 Hz - 10 kHz	-50° to 120°C	2-pin MIL-C-5015
	<b>787-500-M12-D2</b> High sensitivity, low frequency	500	0.2 Hz - 10 kHz	-50° to 120°C	4-pin M12

All the above sensors are CSA and ATEX certified for installation in Class I, Division 2, Groups A, B, C, D, and Class I, Zone 2, Ex nA IIC T4 areas.

Wilcoxon offers suitable cables, connectors and assemblies that can be customized to your application:

- **J9T2A** shielded, twisted pair with Teflon jacket
- **J9T3A** 3-conductor shielded with Teflon jacket
- **J10** twisted pair with Enviroprene jacket
- Standard and custom lengths
- **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

A variety of intrinsically safe and explosion-proof models are also available. To view all hazardous area certified sensors from Wilcoxon, go to [buy.wilcoxon.com/hazardous-area-sensors.html](http://buy.wilcoxon.com/hazardous-area-sensors.html). To view cable/connector assemblies, go to [buy.wilcoxon.com/cables.html](http://buy.wilcoxon.com/cables.html) or [contact us](#) for custom assemblies.