

FOR IMMEDIATE RELEASE





For Immediate Release

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IMI Sensors Launches New High Temperature Products

Designed for Demanding Measurement and Monitoring Requirements

			
<i>Model 176A02 Extreme Temperature Pressure Sensor</i>	<i>Model 357D92, 357D93 Extreme Temperature Accelerometers</i>	<i>Model EX682A40 DIN Rail Differential Charge Amplifier</i>	<i>Model 421A30, 421A31, 421A3X Differential Charge Amplifiers</i>

June 29, 2015 DEPEW, NY – IMI Sensors, manufacturer of industrial vibration monitoring instrumentation, announced the release of several new products designed for use in high temperature applications.

- Model 176A02 Extreme Temperature Pressure Sensor- Model 176A02 is a differential charge pressure sensor for 1200 °F (649 °C) environments that offers a sensitivity of 6.0 pC/psi and a measurement range of 725 psi pk. The sensor includes UHT-12™ elements housed in a hazardous area approved Nickel 600 housing with an integral 10 foot MI hardline cable and 7/16-27 2-pin connector.
- Models 357D92 and 357D93 Extreme Temperature Accelerometers- Models 357D92 and 357D93 are two single-ended charge accelerometers for 1200 °F (649 °C) environments that offer a sensitivity of 2.3 pC/g and a measurement range of ±1000 g pk. Designed with UHT-12™ elements, the sensors have a Nickel 600 housing with an integral 10 foot hardline cable and 10-32 jack connector.
- Model EX682A40 DIN Rail Differential Charge Amplifier- Model EX682A40 is a DIN rail-mounted model that offers a sensitivity of 10 mV/pC and an input range of ±250 pC. Approved for use in hazardous areas, the model can be used with differential charge pressure or vibration sensors to convert the incoming differential charge signal into a voltage output.

IMI SENSORS — A DIVISION OF PCB PIEZOTRONICS, INC.

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**ISO 9001 CERTIFIED
AS9100 CERTIFIED**



- Models 421A30, 421A31 and 421A3X Differential Charge Amplifiers- Models 421A30 are pre-configured to be used with differential charge pressure sensors and have a sensitivity of 20.6 mV/pC and an input range of ± 242 pC. Models 421A31 are pre-configured to be used with differential charge accelerometers with a sensitivity of 10 mV/pC and an input range of ± 500 pC. Model 421A3X is a configurable model that can be used with differential charge pressure or vibration sensors. All three models can convert an incoming differential charge signal into a current or voltage output.

IMI has developed these products for use in various high temperature applications including gas turbine monitoring and other equipment monitoring in high temperature environments.

Additional information about IMI's complete line of high temperature vibration and pressure products can be found at: <https://www.imi-sensors.com/high-temperature-pressure-and-vibration-sensors>. For all technical inquiries and application support, please contact Eric Yax at eyax@pcb.com or 716-684-0003 x2377.

About IMI Sensors

IMI Sensors, a division of PCB Piezotronics, manufactures industrial vibration monitoring instrumentation, such as accelerometers, vibration transmitters and switches. These sensors feature rugged stainless steel housings and survive in harsh environments like paper and steel mills, mines, gas turbines, water treatment facilities and power plants. Integrating with portable analyzers and PLC's, IMI instrumentation helps maintenance departments reduce downtime and protect critical machinery. Our Platinum Stock Products program ensures fast delivery of over 10,000 sensors that are in stock and covered by a Lifetime Warranty. With a customer support team of more than 30 Customer Service Representatives and Application Engineers, IMI proudly stands behind their products with the services you value most, including 24-hour technical support, a global distribution network, and the industry's only commitment to Total Customer Satisfaction. Visit us at www.imi-sensors.com.

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