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Det-Tronics Recognized with exida’s Safety Award
For the FlexSonic™ Acoustic Gas Leak Detector

First Annual Award Recognizes New Technology That Will Improve Safety

MINNEAPOLIS, October 30, 2013 –Detector Electronics Corporation ([Det-Tronics](#)), the global leader in fire and gas safety systems, has been recognized with exida’s Safety Award, Sensors Category, for its revolutionary FlexSonic™ Acoustic Gas Leak Detector. Det-Tronics is part of UTC Climate, Controls & Security, a unit of United Technologies Corp. (NYSE:UTX).

“The FlexSonic detector uses an acoustic sensing mechanism that is entirely different than most gas detectors,” said Dr. William Goble, exida principal partner and certification evaluating assessor. “During the witnessed validation testing, the performance of the FlexSonic™ detector was quite impressive,” he added.

Introduced in July, the FlexSonic detector analyzes 24 discrete ultrasonic bands, discerning between gas leaks and environmental noises, such as metal-on-metal contact, fans, machinery or vehicles. A high-fidelity microphone continuously monitors for the distinct ultrasound emitted by pressurized gas leaks across the widest spectrum of frequencies.

“Det-Tronics implemented new technology following a rigorous design process that meets the requirements of IEC 61508 SIL 2 capability,” said John Yozallinas, senior safety engineer, exida, when presenting the award. He added, “The FlexSonic detector is the first to be certified by exida using this technology; thus, it meets our criteria for innovation in functional safety, along with IEC 61508 certification, and is an accomplishment that exida is pleased to recognize with our 2013 Safety Award.”

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“We are proud to be at the forefront of this evolving technology, and exida’s Safety Award is testament to our expert engineering and product teams who developed the FlexSonic acoustic detector,” said Jerry Slocum, managing director of Det-Tronics. “The Safety Award from exida further reaffirms our confidence in the FlexSonic detector as a revolutionary step forward in gas leak detection.”

About Det-Tronics

Det-Tronics is the global leader in fire and gas safety systems, providing premium flame and gas detection and hazard mitigation systems for high-risk processes and industrial operations. The company designs, builds, tests and commissions SIL 2 Capable flame and gas safety products that range from conventional panels to fault-tolerant, addressable systems that are globally certified.

Det-Tronics is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. More information about Det-Tronics can be found at www.det-tronics.com.

About exida

exida is a certification and research firm specializing in safety critical/high availability automation systems, control system cybersecurity, and alarm management.

exida has performed more process control safety certifications than any other company worldwide.

Exida’s main offices are located in Sellersville, PA, USA and Munich, Germany and has worldwide operations with service centers in Brazil, Canada, Mexico, Netherlands, New Zealand, Singapore, Japan, South Africa and the United Kingdom.