



For Immediate Release

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Det-Tronics Releases Explosion-Proof Rated Smoke Detector for Class I / Division 1 Locations

Explosion-proof rating, 0-20mA and relay outputs and IP44 ingress protection provide hazardous sites greater safety

MINNEAPOLIS, Jan. 6, 2016 — Det-Tronics announced today the release of a photoelectric explosion-proof rated smoke detector. The Det-Tronics® SmokeWatch™ U5015 detector is a Class I Division 1, 2 and Zone 1 explosion-proof rated smoke detector that is suitable for hazardous, industrial and commercial applications. Det-Tronics, the global leader in fire- and gas-safety systems, is a part of UTC Climate, Controls & Security, a unit of United Technologies Corporation. (NYSE: UTX).

“Our commitment to safety solutions in some of the most dangerous workplaces drives Det-Tronics engineering and technological advances,” said Saif Siddiqui, managing director, Det-Tronics. “The release of the new SmokeWatch explosion-proof smoke detector will provide an innovative safety solution for hazardous and industrial work environments.”

The Det-Tronics SmokeWatch smoke detector has a unique design that operates effectively in both smoldering and rapidly growing fires. The device is certified to FM 3230, the standard in smoke detection performance. The photoelectric operation and signal processing features of the detector are an enhanced smoke detection technology appropriate for either large, integrated environments or smaller installations.

“We are proud to deliver advanced photoelectric explosion-proof smoke detection technology not generally available for hazardous locations,” said Charles Hoff, product manager, Det-Tronics. “When installed with flame and gas detectors, the Det-Tronics SmokeWatch smoke detector can increase the level of safety in critical, smoke-prone environments.”

In addition, the detector is certified to an IP44 ingress protection level, which makes the detector suitable for heavy industrial applications such as offshore oil rigs, wastewater treatment plants, and other high-hazard environments.

The SmokeWatch U5015 smoke detector can be integrated into process control systems or a conventional fire panel through outputs that include 0-20 mA, a localized LED, and relays. Through its self-checking circuitry, the detector communicates its health status by conducting automatic optical and electrical fail-safe checks every one second.

“The Class I Division 1 and IP44 ingress protection certifications means that hazardous areas will now have crucial safety equipment available in places that previously did not have a choice of such high-standard devices,” added Hoff.

For more information, visit www.det-tronics.com.

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. For more information, visit www.det-tronics.com.

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