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Det-Tronics® GT3000 Toxic Gas Detector Family Receives ATEX Approval

Minneapolis, MN (May 4, 2010) — Detector Electronics Corporation (Det-Tronics) GT3000 Toxic Gas Detectors have received ATEX hazardous location and performance certification (<http://gt3000.det-tronics.com>). In addition, GT3000 Toxic Gas Detectors are FM, CSA, CE, and IECEx certified and have earned the IP66 rating. Det-Tronics is part of UTC Fire & Security, a unit of United Technologies Corp. (NYSE:UTX).

The GT3000 family is a group of electrochemical fixed-point detectors that provide non-intrusive calibration, communication via 4-20mA with HART protocol, and the ability to swap sensors without de-classifying hazardous areas.

A GT3000 detector consists of a transmitter (GTX) and a sensor module (GTS). The transmitter generates a 4-20mA output signal with HART that is proportional to the concentration of the target gas and corresponds directly to 0-100% full scale.

Currently, the GT3000 family includes sensors that detect these gases: hydrogen sulfide (H₂S), oxygen (O₂), carbon monoxide (CO), ammonia (NH₃), chlorine (Cl₂), and sulfur dioxide (SO₂). More gases will be added soon.

“Although GT3000 is approved as a stand-alone device,” says product development manager Mike Bragg, “many users choose to partner it with our [FlexVu®](#) Universal Display for quick device set up and easy access to sensor status.”

About Detector Electronics

Detector Electronics Corporation (Det-Tronics) – a world leader in industrial fire detection, gas detection, and hazard mitigation systems – designs, builds, tests, and commissions safety systems ranging from conventional panels to fault-tolerant, addressable systems. Det-Tronics detectors are globally certified to current product approvals standards, including critical SIL2 industrial applications. Information at <http://www.det-tronics.com>.

Det-Tronics is part of UTC Fire & Security, which provides fire safety and security solutions to more than one million customers worldwide. Headquartered in Connecticut, UTC Fire & Security is a business unit of United Technologies Corp.. Information at <http://www.utcfireandsecurity.com>.

Caption: The Det-Tronics GT3000 toxic gas detector (shown with FlexVu[®] Universal Display) is an electrochemical fixed-point sensor and transmitter providing HART communication, non-intrusive calibration, and hot-swap sensors.



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