



**For Immediate Release**

**Contact:** Katherine Boosalis  
+1 952-833-8667  
[Katherine.Boosalis@det-tronics.com](mailto:Katherine.Boosalis@det-tronics.com)

## **Det-Tronics Releases Certified High-Speed Deluge Module for Eagle Quantum Premier® Fire and Gas Safety System**

*Industry's only listed flame detection and releasing system capable of ultra-high-speed response of 100 milliseconds or less*

**MINNEAPOLIS, July 31, 2019** — Det-Tronics has introduced a new high-speed deluge module (HSDM) for the Det-Tronics Eagle Quantum Premier® (EQP) fire and gas safety controller. The HSDM expands the capability of the EQP so it can activate ultra-high-speed suppression systems for high-hazard applications such as, but not limited to, munitions manufacturing. Det-Tronics, a leader in fire- and gas-safety systems, is a part of Carrier, a leading global provider of innovative heating, ventilating and air conditioning (HVAC), refrigeration, fire, security and building automation technologies.

The new Det-Tronics HSDM meets today's standards for an ultra-high-speed detection and releasing system. According to the National Fire Protection Association (NFPA) Standard for Water Spray Fixed Systems for Fire Protection (NFPA 15), ultra-high-speed detection and releasing systems must be capable of response in 100 or fewer milliseconds (ms) from the presentation of energy source to flow of water from the deluge nozzle.

NFPA 72® National Fire Alarm and Signaling Code® requires that releasing devices for suppression systems shall be listed for use with releasing service alarm

control units. A listed fire alarm system has all components performance-certified both individually and as an assembled system.

As an ancillary component of the EQP, the new HSDM is hazardous-location rated by FM Approvals, CSA, ATEX and IECEx, has SIL2 and DNV-GL approvals, and is CE marked. In addition, the EQP safety system is FM Approved with the HSDM, making it the industry's only listed flame detection and releasing system capable of ultra-high-speed response.

“After over 35 years of serving this industry, we are very excited about the release of a new high-speed deluge module as part of our ultra-high-speed system offering,” said Michael Hosch, product manager, Det-Tronics. “This new solution allows us to offer a code-compliant system that is listed and meets the current applicable standards for ultra-high-speed detection and releasing systems.”

For more information, please visit [www.det-tronics.com](http://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 certified 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 Carrier, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies. For more information, visit [www.det-tronics.com](http://www.det-tronics.com).

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