SEVO™ SYSTEMS
Safe Environmental Choice

SEVO™ flex

MICRO FIRE SUPPRESSION SYSTEM

by Ann Yang

SEVO™ Flex™ utilizing 3M™ Novec™ 1230 Fire Protection Fluid offers the unprecedented flexibility of providing localized protection of high value equipment for maximum efficiency and cost effectiveness.

SEVO™ Flex™ is designed to meet the rapid discharge time (up to 10 seconds) in accordance with NFPA 2001. Multi-Point provides partial/ local flooding of a single or multiple hazards.

The **SEVO™ Flex™ Multipoint** Pre-engineered Automatic Clean Agent Fire Suppression System utilizes unique flexible detection tubing attached to the top of the cylinder valve. This tubing is pressurized with Nitrogen to 16.5 bar (240 PSIG) maintaining cylinder valve closure.

The detection tubing is temperature sensitive, and acts as a continuous linear thermal detector that ruptures at approximately 120 ºC (248 ºF) or 180 ºC (356 ºF).

When the detection tubing ruptures, the cylinder valve is actuated, allowing Novec™ 1230 fluid to flow through the discharge on the Flex valve, distributing the extinguishing agents through the nozzles into the protected hazard area.

ENVIRONMENTAL FRIENDLY

With zero ozone depletion potential, extremely low global warming potential and short atmospheric lifetime, Novec 1230 Fluid is the first chemical halon replacement to offer a viable, long-term, sustainable technology for special hazards fire protection.

FEATURES

- Automatic and Autonomous
- Multi sensor
- Multi extinguishing jets
- Linear detection line
- Reduced reaction time
- Ready for use 24 hours & 365 days
- Without external power supply
- Manual release device
- Actuation solenoid
- Low pressure switch
- Pressurization adapter
- End of line gauge

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MULTIPOINT PNEUMATIC

The **SEVO™ Flex™ Multipoint** Pre-Engineered Automatic Clean Agent Fire Suppression Systems utilizes unique flexible detection tubing attached to the top of the cylinder valve. This tubing is pressurized with Nitrogen to 240PSIG (16.5 bar) maintaining cylinder valve closure.

The detection tubing is temperature sensitive and acts as a continuous linear thermal detector that ruptures at designated temperatures. When the tubing ruptures, the cylinder valve is actuated, allowing Novec 1230 fluid to flow through the discharge outlet on the Flex valve, distributing the extinguishing agent through the nozzle(s) into the room.

MULTIPOINT ELECTRIC

The **SEVO™ Flex™ Multipoint** Electrical Actuation System utilizes a control panel with conventional detectors sensing products of combustion at the incipient stage or a Thermal Line will detect a range of temperatures depending on the hazard type.

An electric solenoid on the top of the valve will discharge to the system.

Control panel features allow options such as cellular calling as well as communication to the building fire alarm panel.

UL LISTED

NFPA

CE

APPLICATIONS

- Electrical cabinets
- Communications
- PLC Cabinets
- CNC Nummeric Control
- Cash Machine
- Server Rooms
- Broadcast
- Production lines
- Industrial machinery
- Wind Mill
- Engine rooms
- Generation rooms
- Warehouses
- Archives
- Laboratories
- Transport and Vehicles
- Marine
- Aeronautic
- Militar