

# Flex™

## Multi-Point System



**SEVO™ SYSTEMS**  
Clean Agent Fire Suppression Solutions



# Flex™ Multi-Point System

The SEVO™ Flex™ utilizing FK-5-1-12 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.



# Features

## 1. Quick & Easy installation directly inside the hazard:

The flexible sensor tubing is easily installed inside the electrical cabinet directly above the wires and circuitry where a fire could start. The tubing is pressurized with dry nitrogen to 16.5 bar (240psig) The dynamics of pressurization make the tubing more reactive to heat.

## 2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot 230°F (approx. 110°C)

## 3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with clean agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.



### Why SEVO™ Flex™?

- Simple, Flexible, and Compact
- Installs Directly into high-risk equipment
- Automatically detects and suppresses fire as soon as it begins
- Reduces equipment damage and down time
- Highly dependable: no electricity or moving parts
- Simple and easy to install

# Features Cont.

## Pneumatic Detection Tubing

The pneumatic detection tubing is temperature sensitive and acts as a continuous linear thermal detector that ruptures at approximately 230°F (110°C) guaranteeing early detection and rapid extinguishment.

## Nozzle

The nozzle controls the flow of and distributes the FK-5-1-12 Fire Protection Fluid into the hazard area. SEVO™ Systems unique nozzles are available in brass 360° dispersal patterns; each nozzle has predetermined discharge orifices to meet the flow requirements of the pre-engineered systems.

## System

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

## INDUSTRIES

- Electrical Cabinets
- Telecommunications Areas
- Data Processing Areas and Cabinets
- UPS Units
- Pump Enclosures
- Laboratory Fume/Exhaust Cabinets
- Flammable Chemicals Storage Cabinets
- Generator Enclosures
- Transformers Cabinets
- Libraries & Museums
- Archives
- Switch Gear Cabinets

Cylinder Sizes	FK-5-1-12 (Kg/Lbs)	Part Numbers	Volume Coverage (M <sup>3</sup> /Ft <sup>3</sup> )
3	1.4 / 3	FLEX LO300	2.2 / 77.2
7	3.2 / 7	FLEX LO700	5.1 / 180.2
14	6.4 / 14	FLEX L1400	10.2 / 360.3