



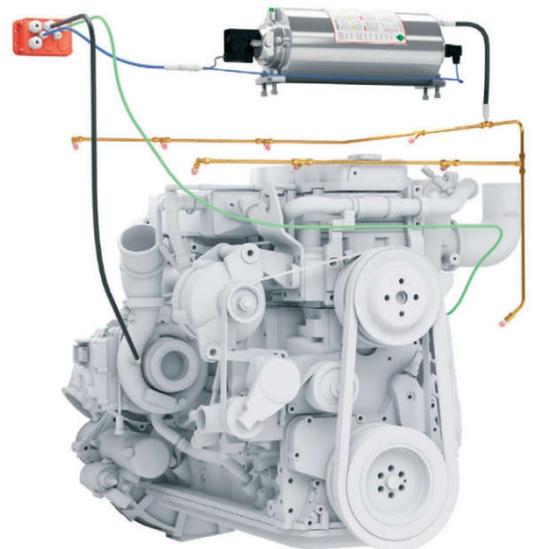
Your partner for  
individual firefighting  
requirements.

 **COMPACT LINE**

## Extinguishing system for vehicle engines New detection concept (without pressure hose)



**Electronic linear thermal detection cable**



### Advantages of electronic fire detection:

- ★FM-approved linear heat detection cable withstands extremely high engine compartment temperatures
  - Almost no limitation in the detection length
  - 10year product life
  - High release temperature to withstand very hot and cramped engine compartments (180°C)
  - Improved durability in harsh environments
- ★Easy installation: quick installation through wireless communication between displays and electronic control unit
- ★Low maintenance = lower life cycle costs and less downtime

## Further properties of the Compact Line extinguishing system:

- ★ The smallest UNECE-R107 certified water mist extinguishing system on the market
- ★ Can protect up to 4 m<sup>3</sup> of engine compartment with only 4 liters of extinguishing agent
- ★ Liquid-based agent (water mist) with glycol-free antifreeze Freezing point (-55 °C)
- ★ Easy to clean up after agent application /much less corrosive than powder
- ★ No flashback, no chemicals and fluorine free
- ★ Only one extinguishing agent container has to be installed, the patented double-chamber technology combines the propellant gas and the extinguishing agent in one container.
- ★ The container works in any position (horizontal, vertical, upside down)
- ★ Regulated discharge pressure to ensure a more efficient cooling effect
- ★ Easy to deactivate when working on the vehicle
- ★ Easy to refill (no pump or additional equipment required)
- ★ A worldwide trained partner network



## Patented double-chamber extinguishing agent tank technology:



- ★ double chamber = extinguishing liquid and pressurized gas are housed in separate chambers
- ★ When activated, the pressurized gas enters the outer chamber and moves a piston
- ★ The piston pushes the liquid through the extinguishing agent line
- ★ A built-in pressure regulator ensures constant delivery
- ★ Vibration-resistant due to robust design
- ★ Superior security and leak protection

4 Liter	7 Liter	12 Liter

## Optional - Wireless Communication:



Wireless communication between display and electronic control unit.

- ★ Easy installation process (no holes to drill, no wires to run)
- ★ Less maintenance due to fewer electrical components
- ★ Expandable with GSM communication for real-time alarms
- ★ Real-time monitoring through sensor technology ECU
- ★ In the event of a fire, the information is transmitted to the terminal

## The main areas of application of the Compact Line extinguishing system:



### CITY BUSES AND COACHES

The system is perfect for protecting city buses and coaches. Once installed, it protects passengers and the environment for at least 10 years without major maintenance. This reduces downtime and increases reliability.

### MINING AND OFF-ROAD VEHICLES

Operating in the toughest conditions, these vehicles require a reliable system that not only protects the vehicle and driver, but also the wildfire-prone environment in which it operates.



### AIRPORT VEHICLES

Surrounded by highly sensitive equipment and other modes of transportation such as airplanes, airport vehicles require a highly reliable fire protection system that can quickly detect and extinguish a fire to prevent costly damage.

## POWER GENERATORS

Overheating, a leak, or other hazard can cause power generators to burn. This is not only because of the resulting toxic gases dangerous, but also because the fire can quickly spread to the entire room or building.



## HARVESTER

These machines, designed to harvest different crops, are often in continuous use for many hours. This puts a lot of strain on the engine, which can lead to breakdowns and fires. The system not only protects your vehicle, but also the driver, the crop and the vehicles and workers in the area.

## TRAINS

Operating in the toughest conditions, these vehicles require a reliable system that not only protects the vehicle and driver, but also the wildfire-prone environment in which it operates.



## FORKLIFT

Maneuvering expensive goods can be exhausting enough. Therefore, the system eliminates the risk of goods being damaged by fire. Diesel and propane can start a fire if leaked. Immediate detection and firefighting protects not only property but also people.

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