

SIEMENS



FIRE SAFETY APPLICATION CENTER

Fire safety is essential for railway safety

In the event of a fire, a train must be able to reach an appropriate evacuation location to protect people, goods and installations. Automatic fire detection has become an essential aspect of a comprehensive fire safety concept. This is especially the case for train traffic through tunnels and more generally in non-secured areas.

[siemens.com/fs-rail](https://www.siemens.com/fs-rail)



Fire detection for rolling stock

Whether you are a rolling stock manufacturer or train operator, our fire safety solutions for rolling stock meet all your expectations.

As a rolling stock manufacturer, you want to:

- purchase reliable, turnkey solutions with associated services
- supply and easily integrate products and systems
- use products and systems that completely fulfill current standards

As a train operator, you want to:

- ensure continuous and flexible operation by using high-performance systems
- efficiently manage the availability of your rolling stock
- optimize operating and operational costs
- ensure the highest level of safety for passengers and staff

Backed by our expertise in the field of fire protection, we offer you innovative and lasting solutions for rolling stock like high-speed trains, locomotives, trams and metro lines.

Highest level of fire detection with outstanding design

High-end multi criteria spot detector:

- Designed for stand-alone concept with highest degree of availability and redundancy
- Advanced signal analysis (ASA technology) ensures fast and highly reliable detection
- Unique detection reliability and protection against false alarms in demanding environments
- Up to three selectable parameter sets
- Fulfilling latest railway related standards and meets safety integrity level 2 (SIL2)

Customized solution for everyone:

- Spot detectors with 24 VDC or 110 VDC power supply to cover the complete range of rolling stock applications
- Available with different types of bases to achieve maximal flexibility
- Plug & Play solution with dedicated plug for quick mounting and exclusion of installation errors
- Optional base attachment for areas with rough environmental requirements



Aspiration smoke detection for railway:

- Aspirating smoke detector for high-end fire detection in trains
- Very sensitive and reliable fire detection through differentiation between smoke and deceptive phenomena
- Quick & easy configuration to minimize start-up sequence
- Meets rail specific standards and achieves safety integrity level 2 (SIL2)



Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.