SIEMENS

ASA*technology* – most intelligent and reliable fire detection

With advanced signal analysis and 20+ selectable profiles, ASA*technology* detectors ensure very fast, highly reliable detection in demanding environments.

Detectors with the innovative ASA*technology* provide intelligent detection of smoke, heat, and CO in any environment – without false alarms.

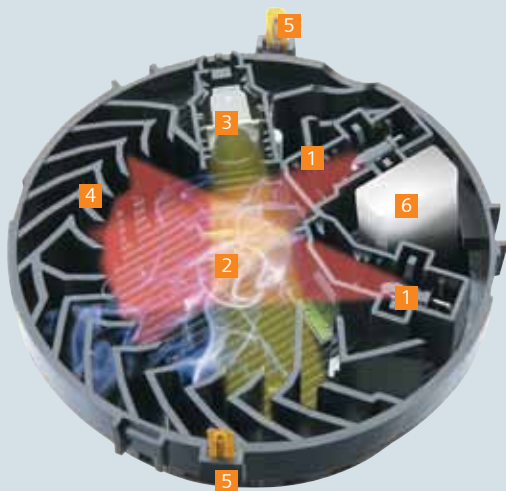### An innovation that sets new standards

Protecting people and assets and securing business processes are of utmost importance. That's why Cerberus™ PRO provides the ideal fire safety solution for any application area. Features like the innovative ASA*technology*™ (Advanced Signal Analysis) and No False Alarm Guarantee make these detectors the best choice for protecting particularly demanding areas — whether sensitive or harsh. Environments like data centers or industrial production facilities need highly advanced technology with no false alarms to ensure maximum safety and optimal protection.

Typical application areas

With the capability of earliest detection of flaming fires caused by the combustion of liquid and solid matter, ASA*technology*™ fire detector OOH941 and ASA*technology*™ fire and carbon monoxide (CO) detector OOHC7941 are especially suited for:
– Data centers and IT equipment
– Telecommunications facilities
– Hospitals and nursing homes
– Restaurants and small commercial kitchens
– Auto repair shops and parking garages
– Industrial production facilities
– Warehouses
– Power generation facilities

Answers for infrastructure.

Multi-criteria fire detector with forward/backward light scattering technology and
additional CO sensor for enhanced detection and carbon monoxide Life Safety

Intelligent technology

The OOH941 and the OOHC941 ensure a high degree of safety and early warning of flaming fires. Their unique sensor system uses state-of-the-art forward/backward light scattering technology, providing advanced optical analysis of smoke particles and improving detection capability. Additionally, each detector has two thermal and two optical sensors. This redundancy protects against false alarms caused by deceptive phenomena such as steam, dust, or gas. These two technologies are the basis for the unique **ASA**technology. OOH941 and OOHC941 comply with NFPA 76 (Telecommunication Standard) and are classified as a Very Early Warning Fire Detector (VEWFD).

Additional CO detection

The OOHC941 combines the unique **ASA**technology with CO detection for maximum life safety. The additional CO sensor responds quickly and reliably to both fire and the presence of CO – whether generated by or independent from fire. OOHC941 complies with the fire safety and carbon monoxide codes and standards, UL 2075 and NFPA 720.

Meeting changing needs easily

You can optimally tailor OOH941 and OOHC941 to always meet current requirements: Select from 20+ detection profiles and easily and quickly switch between them – depending on the room usage.

Protecting the environment

These detectors are RoHS compliant and meet the standards regarding the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment. They also provide enhanced detection equivalent to ionization detectors due to their forward/backward light scattering technology. This makes them a perfect "green" solution.

Highlights

- No False Alarm Guarantee prevents unnecessary downtime and costs caused by false alarms

- Reliable detection with virtually no false alarms thanks to unique forward and backward light scattering technology and redundant sensors

- Increased flexibility thanks to 20+ selectable detection profiles and CO detection

- RoHS compliant and replacement for ionization detectors make these detectors an environmentally friendly solution

- Very Early Warning Fire Detectors comply with NFPA 76 (Telecommunication Standard), UL 2075, and NFPA 720