SIEMENS

ASA*technology*™ – most intelligent and reliable fire detection

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

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

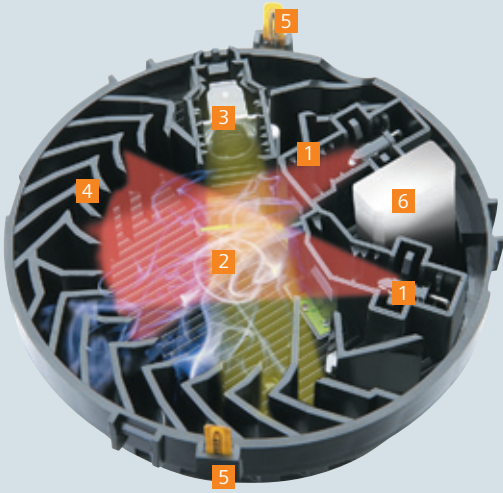**An innovation that sets new standards**

Protecting people and assets and securing business processes are of utmost importance. That's why Cerberus™ PRO provides an excellent fire safety solution for any application area. Features like the innovative **ASA***technology*™ (Advanced Signal Analysis) and Genuine Alarm Guarantee make these detectors a great 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 provide 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 OOHC941 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 provide 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 **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. 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
The 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

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.