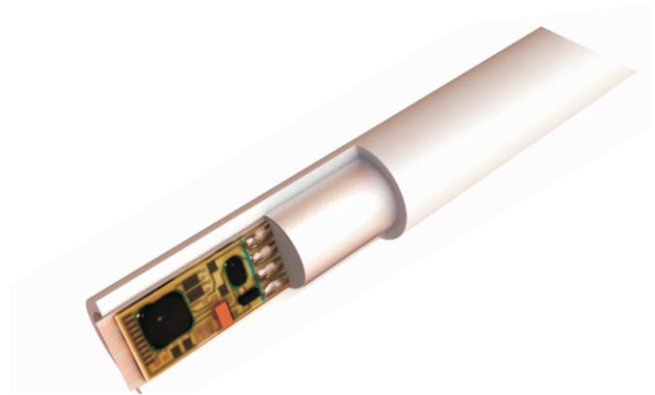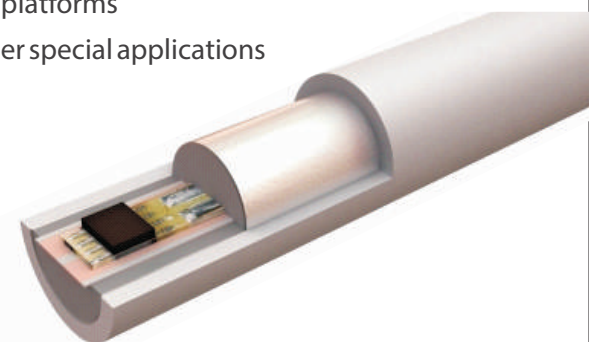# SECURITON

SecuriSens d-LIST

The SecuriSens d-LIST system is an addressable, line-type heat detector for special applications. It is characterized by its precise detection, high reaction speed, simple installation and commissioning, plus its maintenance-free design. Different sensor intervals, branches in the sensor cable and individual temperature sensors allow for the perfect solution for any application. With up to 500 meters of sensor cable on one cable terminal processor, d-LIST is primarily used in industrial applications.

- Line-type heat detector based on the multiple point principle (sensor cable) VdS approval in compliance with EN 54-5, Class A1
- Sensor intervals of between 25 cm and 10 meters
- Sensor cable length up to 2× 250 meters or 2× 99 sensors per cable terminal processor
- Branches in the sensor cable
- Ex zone 2, 22 variants
- Additional external point sensors (also as Ex version)
- Intelligent cable terminal processors with relays and interfaces
- Free assignment of the sensors to groups
- Freely adjustable detection properties for each group (max./diff.)

Applications

- Cable and supply tunnels, e.g. in power plants and heavy industry
- Car parks, vehicle silos
- Cold stores
- Industrial object protection, such as in conveyance systems and production lines
- Underground stations and tunnels
- Hollow floors and false ceilings
- Incineration plants, disposal operations
- Saw mills, agricultural sectors
- Open loading platforms
- And many other special applications

EN 54

SecuriSens ADW 535 Line Type Heat Detector

Where conventional fi re detectors reach their physical limits, the SecuriSens ADW 535 line-type heat detector comes into play. The intelligent line-type heat detector works perfectly, even under the most difficult conditions. Whether the fully automatic monitoring of large areas, resisting corrosive gases, extreme humidity and high temperatures, or differentiating between false alarms and real danger – the list of requirements for a state-of the-art line-type heat detector is both long and detailed.

- Integrated line-type heat detector for 1 or 2 sensing tubes (Double Tube Technology)
- Based on proven technology
- Fastest heat detector with fully programmable response behavior plus differential and maximal evaluation
- Intelligent alarm verification with DHW technology (Dynamic Heat Watch)
- Available as standard and Heavy Duty version (with Atex approval)
- Sensing tubes of copper, stainless steel or Teflon withstand extremely severe ambient conditions and high temperatures; can be installed in Ex areas
- High level of functional safety thanks to fully automatic sensing tube monitoring
- High-performance software: ADW Heat Calc for planning, ADW Config for configuration and maintenance

Applications

- Tunnels: road tunnels, metro and railway tunnels, utility and cable tunnels
- Underground garages, vehicle silos
- Food industry, industrial kitchens, large commercial bakeries
- Alcohol processing, distilleries
- Chemical industry, refineries, oil tanks
- Waste incineration plants
- Outdoor applications: loading platforms (flying roofs), historical bridges, fuel warehouses, towers
- High-temperature applications such as: paint Shops, steel plants, kilns, climate chambers, gas turbines, engine test benches
- And many other applications, e. g. under- floor monitoring in rolling stock, marine applications