
SSD1030

Securiton smoke detector for the ASD200 series

Built-in CS filter (Centrifugal Separator)	Electronic lint filter
Required for the entire range ASD200	Ultra-early detection: threshold of 0,01 %/m

Description

The SSD1030 is the primary sensing component for the ASD series 2000 vacuum systems. It uses advanced scattered light technology at 90° combined with a powerful built-in LED to reliably detect smoke particles at extremely early stages.

Its most innovative feature is the integration of a CS filter (centrifugal separator). This system uses centrifugal force to deflect large dust particles out of the measurement chamber, allowing only the smallest smoke particles to be analyzed. This not only prevents false alarms, but also significantly extends the sensor's service life by keeping the measuring optics clean.

- High-sensitivity smoke detector for the ASD2000 series
- Active dust separation: CS filter
- Electronic lint filter
- Ultra-early detection: threshold of 0,01 %/m
- Detection Technology: Diffused light at 90° with high-power LEDs

Specifications

Specification	Value
Reference	SSD1030 (Securiton SSD 1030)
Compatibility	All models in the ASD series 200x
Alarm Range	0,01 %/m at 30 %/m
Pre-signal range	0,001 %/m at 27 %/m
Maximum Sensitivity	0,001 %/m
Detection Technology	Diffused light at 90° with high-power LEDs
Camera Protection	Built-in CS filter (Centrifugal Separator)
Additional Filtering	Electronic lint filter
Printed Circuit Board (PCB) Design	Located outside the airflow (corrosion protection)

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