



Specifications

SHE-Application 

Brakel® Optical smoke detector MSD 523

VdS certificated optical smoke detector MSD 523

The scattered light smoke detector MSD 523 with digital signal processing and intelligent evaluation logic has a great response with the lowest possible false alarm rate.

For connection to smoke ventilation systems in 2-wire technology with LED

Technical features:

- Scattered light function principle
- Sensitivity DIN EN 54, part 7
- Required supply cable 2 x 2 x 0,8 mm²
- Digital signal processing
- Alarm threshold
- Temperature supported smoke evaluation
- Signature Alarm for smoke
- Alarm filtering reduces false positives

Nominal data:

Rated operating voltage	: 18 V DC to 30 V DC
Operating current at 30 V, quiescent	: max. 120 uA
Operating current at 30 V, Alarm	: min. 19 to max. 22,5 mA
Reporting criteria	: Current increase. 2-wire technology
Ambient temperature range	: - 25°C bis +60°C
relative humidity	: 10 %
Briefly	: to 90%, continuous: 70 %
Dimensions	: Average 118.8 x 68 mm ² incl. Base
Degree of protection	: IP 44 nach IEC 529
VdS approval	: G 207123
Monitoring area	: max. 120 m ²
Installation height	: max. 16 m
Housing material	: ABS/PC, FR 90
Standards	: DIN EN 54-7
CPD-recognition	: 0786-CPD-20330
Colour	: white

* The maximum area monitored and installation height of the monitored space depends on the roof pitch and the horizontal distance between the detectors in accordance with DIN EN 54-7 for smoke detectors.

Note: MSD 523/MS includes base.

QUANTITY: UNIT: piece Individual Price: Total price: