

Certificate



Product Safety
Functional
Safety

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No.: 968/FSP 2182.00/21


Product tested	Infra-red and ultra-violet flame detector series	Certificate holder	Rosemount Inc. 6021 Innovation Boulevard Shakopee, MN 55379 USA
Type designation	Spectrex Sharpeye 40/40C -I, -M, -LB, -L4B Spectrex Sharpeye 40/40D -I, -M, -LB, -L4B		
Codes and standards	IEC 61508 Parts 1-7:2010	EN 54-10:2002 + A1:2005	
Intended application	Detection of flames in which carbon dioxide (CO ₂) is produced in the combustion process. The detectors of the flame detector series are suitable for safety-related applications in accordance with IEC 61508 up to SIL 2 in a single-channel configuration or up to SIL 3 in a redundant configuration		
Specific requirements	The safety notes in the Safety Manual shall be considered. Details for the use in safety function can be found on the Appendix of this certificate.		
Valid until 2026-03-01			

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2182.00/21 dated 2021-02-26.
This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit

Köln, 2021-03-01

Certification Body Safety & Security for Automation & Grid


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