

# Certificate



Product Safety  
Functional  
Safety

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**No.: 968/FSP 2541.00/23**

<b>Product tested</b>	Flame Detector	<b>Certificate holder</b>	ABB Engineering (Shanghai) Ltd. Building 4, No. 10 Kechuang Tenth Street, BDA Beijing, 101111 P.R. China
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<b>Type designation</b>	Uvisor SF910i-(LOS/FOC)-(IR/UV/UVIR/PYR)-(T/TX/TL/Q/QC/QE)		
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<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010	EN 298:2012
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<b>Intended application</b>	The flame detector comply with the requirements of EN 298 for the use in industrial appliances and SC3, SIL 2 acc. to IEC 61508. It can be used in HFT = 0 in applications up to SIL 2 and in HFT=1 configuration in applications up to SIL 3.		
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Where the flame detector is used in applications according to the standard EN 298, the flame detector need to be used in the 1oo2 in structure (two flame detectors where the two outputs relays is in series).

<b>Specific requirements</b>	The instructions of the associated Installation, Operation and Safety Manual shall be considered.		
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The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V3.0:2020 in its actual version, whose results are documented in Report No. 968/FSP 2541.00/23 dated 2023-10-27. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-01.

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
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Köln, 2023-11-09

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. (FH) Wolf Rückwart

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Precisely Right.