

Certificate



Functional
Safety

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No.: 968/EZ 530.05/25

Product tested	Gas Transmitter Series PrimaX	Certificate holder	MSA Europe GmbH Schlüsselstrasse 12 8645 Rapperswil-Jona Switzerland
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Type designation	PrimaX I, PrimaX P
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Codes and standards	IEC 61508 Parts 1-7:2010 EN 50402:2017	EN 50271:2018
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Intended application	Gas Transmitter according to EN 60079-29-1. The PrimaX Gas Transmitter Series are fixed gas transmitters for measuring toxic or combustible gases and for monitoring oxygen deficiency, excess or inerting. They are suitable for outdoor and indoor applications, e.g. offshore industry, chemical and petrochemical industry, water and sewage industry and can be used in safety applications up to SIL 2 of IEC 61508 in an one-channel configuration (HFT=0) or up to SIL 3 in a redundant configuration (HFT=1). IEC 60605-4:2001 was considered for the assessment.
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Specific requirements	The provisions defined in the User Manual need to be observed.
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The issue of this certificate is based upon an evaluation in accordance with the Certification Programs CERT FSP1 V3.0:2020, CERT FSP3 V2.0:2020 in their actual version, whose results are documented in Report No. 968/EZ 530.05/25 dated 2025-07-09. 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-11052-02-00.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
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Köln, 2025-07-14

Certification Body Safety & Security for Automation & Grid

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