

Certificate



Product Safety
Functional
Safety

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ID 0600000000

No.: 968/FSP 1330.00/16

Product tested Gas Warning Device **Certificate holder** MSA Europe GmbH
Schlüsselstrasse 12
8645 Rapperswil-Jona
Switzerland

Type designation Control Units 9010 SIL, 9020 SIL

Codes and standards IEC 61508 Parts 1-7:2010 EN 50104:2010
EN 50402:2005 + A1:2008 EN 60079-29-1:2007
EN 50271:2010 EN 50270:2015

Intended application The devices comply with the requirements of the relevant standards and can be used for monitoring and alarming of hazardous gas concentrations in a HFT=0 architecture up to SIL 2 and in a HFT=1 architecture up to SIL 3 acc. to IEC 61508.

Specific requirements The instructions of the associated Installation and Operating Manual shall be considered.

Valid until 2021-11-02

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1330.00/16 dated 2016-11-02.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2016-11-02

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Heinz Gall

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