

Certificate



Functional
Safety
Type
Approved

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ID 0600000000

No.: 968/EZ 392.01/14

| | | | |
|------------------------------|---|---------------------------|--|
| Product tested | Gas Detector Series 47K | Certificate holder | MSA Auer GmbH Thiemannstraße 1 12059 Berlin Germany |
| Type designation | Serie 47K-ST, Serie 47K-PRP, Serie 47K-HT | | |
| Codes and standards | IEC 61508 Parts 1-7:2010 (in extracts) EN 60079-29-1:2007 | IEC 60605-4:2001 | |
| Intended application | Gas Detector Series 47K are designed to continuously monitor the atmosphere for the presence of potentially explosive gas or vapour in air in the range 0 to 100 % LEL. They are an integral part of an fixed gas detection system for the protection of industrial plant and workers. Gas Detector Series 47k can be used in safety applications up to SIL 2 of IEC 61508. | | |
| Specific requirements | The provisions defined in the user manual need to be observed. | | |

Valid until 2019-11-30

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 392.01/14 dated 2014-11-30.

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
Certification Body for FS-Products

Köln, 2014-11-30

Dipl.-Ing. Heinz Gall