

**ZERTIFIKAT  
CERTIFICATE**

**Nr./No. 968/EL 161.00/02**

<b>Prüfgegenstand/Product tested</b> Modular Safety System AIM Safe with high diagnostic coverage and configurable mode of operation	<b>Hersteller/Manufacturer</b> Kongsberg Simrad AS Kirkegårdsveien 45, Carpus N-3601 Kongsberg Norway	
<b>Typbezeichnung/Type designation</b> System AIM 2000	<b>Verwendungszweck/Intended application</b> Safety and high reliability related applications such as: A) Emergency Shutdown (ESD) B) Burner Management (BMS) C) Fire And Gas (F&G) D) Process Shutdown (PSD) where: i) the safe state is the de-energised state ii) the safe/demand state is the energized state	
<b>Prüfgrundlagen Codes and standards forming the basis of testing</b>	DIN V 19250/05.94 DIN V VDE 0801/01.90 + A1 10/94 DIN EN 50178/04.98 DIN VDE 0116/10.89 IEC 61508 (1 - 7)/2000 IEC 61131-2/2000 IEC 61000-4-2, 3, 4, 5 IEC 60068-2-1, 2, 6, 14, 27, 30	EN 55011/91 (CISPR 11) EN 50081-2 EN 50082-2 EN 54-2/12.97 NFPA 72 NFPA 8501 NFPA 8502
<b>Prüfungsergebnis Test results</b>	Suitable for safety related applications according to: - AK1 - AK6 (DIN V 19250, DIN V VDE 0801) - SIL 1 - 3 (IEC 61508)	
<b>Besondere Bedingungen Specific requirements</b>	The specific configurations (chapter 4) and conditions (chapter 6) for the application are detailed in the test report 968/EL 161.00/02 and must be considered for safety relevant applications.	

Der Prüfbericht Nr. 968/EL 161.00/02 vom 2002-01-31 ist Bestandteil dieses Zertifikates.

Dieses Zertifikat ist nur gültig für Erzeugnisse, die mit dem Prüfgegenstand übereinstimmen. Es wird ungültig bei jeglicher Änderung der Prüfgrundlagen für den angegebenen Verwendungszweck.

The test report No. 968/EL 161.00/02 dated 2002-01-31 is an integral part of this certificate.

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.

**TUV Anlagentechnik GmbH  
Geschäftsfeld ASI**  
Automation, Software und Informationstechnologie

Am Grauen Stein, 51105 Köln  
Postfach 91 09 51, 51101 Köln



2002-01-31

Datum/Date

Firmenstempel/Company seal

Unterschrift/Signature