

# ZERTIFIKAT CERTIFICATE

Nr./No. 968/EZ 105.03/01

<b>Prüfgegenstand/Product tested</b> Triple Modular Redundant (TMR), Fault Tolerant, Safety and Critical Control System 2-out-of-3 with diagnostics and a 3-2-1-0 or 3-2-0 configurable mode of operation		<b>Hersteller/Manufacturer</b> TRICONEX Invensys Systems, Inc. 15345 Barranca Parkway USA-Irvine, California 92618 United States of America	
<b>Typbezeichnung/Type designation</b> TRICON Version 9.6		<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) 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 54-2/12.97 NFPA 72/96 (F&G) NFPA 8501/97 (BMS) NFPA 8502/99 (BMS) DISC PD 2000-1/1998 (Y2K)	
<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 safety guidelines are contained in the TRICON user's manual "Safety Consideration Guide", version 9 systems, and must be considered. For safety related applications modules from the list of approved modules ("TRICON Version 9.6 Approved Components List") must be used.		



Der Prüfbericht Nr. 968/EZ 105.03/01 vom 2001-09-13 ist Bestandteil dieses Zertifikates.

Der Inhaber eines für den Prüfgegenstand gültigen Genehmigungs-Ausweises ist berechtigt, die mit dem Prüfgegenstand übereinstimmenden Erzeugnisse mit dem abgebildeten Prüfzeichen zu versehen.

The test report No. 968/EZ 105.03/01 dated 2001-09-13 is an integral part of this certificate.

The holder of a valid licence certificate for the product tested is authorized to affix the test mark shown opposite to products which are identical with the product tested.

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2001-09-13

Datum/Date

Firmenstempel/Company seal

Unterschrift/Signature