

# ZERTIFIKAT CERTIFICATE

Nr./No. 968/EZ 101.00/00

Prüfgegenstand Product tested	Trident [Triple Modular Redundant (TMR) Controller] Version 1.0 TriStation 1131 Version 3.0 (including CEMPLE)	Hersteller Manufacturer	TRICONEX Corporation Ltd. 15091 Bake Parkway USA-Irvine, California 92618 United States of America
Typbezeichnung Type designation	3101 MP I Module 2101 MP Baseplate 3301 Digital Input Module 2301 Digital Input Baseplate 3401 Digital Output Module 2401 Digital Output Baseplate 3351 Analog Input Module 2351 Analog Input Baseplate 3451 Relay Output Module (Non-safety) 2451 Relay Output Baseplate (Non-safety) IEC 1131-3 Standard Library V1.1, TRIDENT Interface Library V1.50 STDSHEET Library 1.1 Triconex (TCXLIB) Library 1.16	Verwendungs- zweck Intended application	Safety relevant applications Requiring IEC 61508 SIL 1 through SIL 3 Requirement classes 1 through 6 (DIN V 19250) and DIN VDE 0116
Prüfgrundlagen Codes and standards forming the basis of testing	DIN V 19250/05.94 DIN V VDE 0801/01.90 + A1 10/94 IEC 61508 (part 1 - 7) 2000 IEC 61131-2/92 + 98 DIN EN 50178/04.98	IEC 61131-3/03.93 DIN VDE 0116/10.89 NFPA 8501/97 NFPA 8502/99	
Prüfungsergebnis Test results	Suitable for safety related applications according to requirement classes 1 - 6 (DIN V 19250/05.94) and SIL 1 through SIL 3 (IEC 61508) according to the results of the test report no. 968/EZ 101.00/00.		
Besondere Bedingungen Specific requirements	The Trident Safety Considerations Guide (Manual Release 1.0) must be considered.		



Der Prüfbericht Nr. 968/EZ 101.00/00 vom 2000-02-17 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 101.00/00 dated 2000-02-17 is an integral part of this certificate.

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

**TÜV Anlagentechnik GmbH**  
Geschäftsfeld ASI  
Automation, Software und Informationstechnologie  
Am Grauen Stein, 51105 Köln  
Postfach 91 09 51, 51101 Köln



2000-02-17

Datum/Date

Firmenstempel/Company seal

Unterschrift/Signature