

# ZERTIFIKAT

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# CERTIFICATE

Nr./No. 968/EZ 173.04/08

<b>Prüfgegenstand</b> Product tested	Safety Related Programmable Fieldbus Controller TOYOPUC	<b>Zertifikatsinhaber</b> Licence holder	JTEKT CORPORATION Post code 448-0803 1-7 Kita-Jizoyama, J-Nodacho Kariya, Aichi Japan
		<b>Hersteller</b> Manufacturer	JTEKT CORPORATION Post code 448-0803 1-7 Kita-Jizoyama, J-Nodacho Kariya, Aichi Japan
<b>Typbezeichnung</b> Type designation	TOYOPUC-PCS See test report for more detailed product information	<b>Verwendungszweck</b> Intended application	Control of safety related signals, where the safe state is the de- energized state
<b>Prüfgrundlagen</b> Codes and standards forming the basis of testing	IEC 61508, Part 1 - 7:2000 EN 954-1:1996 prEN ISO 13849-1:2004 EN 61131-2:1994 und A11:1996, A12:2000 EN 50178:1997 NFPA 79:2007		
<b>Prüfungsergebnis</b> Test results	The system is suitable for safety related applications up to SIL 3 (IEC 61508) and Cat. 4 (EN 954-1) considering the results of the test report-no. 968/EZ 173.04/08 dated 2008-02-25.		
<b>Besondere Bedingungen</b> Specific requirements	For the use of the systems the test report mentioned above and the Instruction Manual, Version 2.90, released by the manufacturer have to be considered.		



Der Prüfbericht-Nr.: 968/EZ 173.04/08 vom 25.02.2008 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 173.04/08 dated 2008-02-25 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.

**TÜV Rheinland Industrie Service GmbH**  
Geschäftsfeld ASI

Automation, Software und Informationstechnologie

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

2008-02-25

Datum/Date

Firmenstempel/Company Seal

  
Dipl.-Ing. Heinz Gall

**LICENCE CERTIFICATE**  
for TÜV Rheinland Test Mark

**No. 968/EZ 173.04/08**

<b>Licence Holder:</b>		JTEKT CORPORATION Post code 448-0803 1-7 Kita-Jizoyama, J-Nodacho Kariya, Aichi Japan	
<b>Manufacturer:</b>		JTEKT CORPORATION Post code 448-0803 1-7 Kita-Jizoyama, J-Nodacho Kariya, Aichi Japan	
<b>Date of Application:</b>	<b>File Ref.:</b>	<b>Date of Issue:</b>	
2006-02-07	968/EZ 173.04/08	2008-02-25	
<b>Description:</b>			<b>Annual Fee-Units</b>
Product tested: Safety Related Programmable Fieldbus Controller TOYOPUC			10
Type: TOYOPUC-PCS, consisting of the modules: CPU (TAC-6089), RMT-S (TAU-6102), S-BUS (TAU-6098), DI001 (TAK-6090), SPM002 (TAK-6177), DI003 (TAK-6104), DO002 (TAK-6093), DO003 (TAK-6108), BASE5 (TAR-6148), BASE8 (TAR-6149), BASE12 (TAR-6094), FAN2 (TAU-6208), Netzfilter P-FLT (TAU-6207) Hardware- and Software version see Test Report			
Yearly fee:			
<b>The Test sample</b>		will be kept by TÜV Rheinland Industrie Service GmbH	
<input checked="" type="checkbox"/>		will be kept by the Licence Holder for the disposal of TÜV Rheinland Industrie Service GmbH	
<b>Special Remarks:</b>			
Report-No.: 968/EZ 173.04/08 dated 2008-02-25 and Certificate No. 968/EZ 173.04/08 dated 2008-02-25			

**Test Mark:**



The Licence for the using of the TÜV Rheinland Test Mark is only valid for the licence holder and can only be transferred from TÜV Rheinland Industrie Service GmbH to third persons.

The right for the using of the Test Mark is restricted to such products which are described and are examined by TÜV Rheinland Industrie Service GmbH appropriately.

In addition, all regulations of the General Contract are also valid for the licence.

This Licence certificate has to be given back to TÜV Rheinland Industrie Service GmbH if it is being declared as invalid.

**TÜV Rheinland Industrie Service GmbH**  
Geschäftsfeld ASI

Automation, Software und Informationstechnologie

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2008-02-25

Date

Company seal

Dipl.-Ing. Heinz Gall