



TÜVRheinland®

ZERTIFIKAT  
CERTIFICATE

EC Type-Examination Certificate

Reg.-No.: 01/205/5369.00/14

<b>Product tested</b>	Function „Safe Pulse Disabling“, realised in the ACOPOSmotor Inverter Modules	<b>Certificate holder</b>	Bernecker + Rainer Industrie-Elektronik GmbH B&R Straße 1 5142 Eggelsberg Austria
<b>Type designation</b>	See list of modules: „ACOPOSmotor_StandardSafety_ModuleList_E_xx“	<b>Manufacturer</b>	see certificate holder
<b>Codes and standards forming the basis of testing</b>	EN 61800-5-2:2007 EN 61800-3:2004 EN 61800-5-1:2007 (in extracts) EN ISO 13849-1:2008 + AC:2009 EN 62061:2005 + AC:2010 + A1:2013	IEC 61508 Parts 1-7:2010 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) EN 1037:1995+ A1:2008 EN 61131-2:2007 (in extracts)	
<b>Intended application</b>	<p>Realization of the safety function STO (Safe Torque Off).</p> <p>The safe pulse disabling prevents an unintended movement or after standstill an unintended restart of a motor which is connected to an ACOPOSmotor Inverter Module. It can be used in safety applications up to PL e, Cat. 4 according to EN ISO 13849-1 respectively up to SIL 3 according to EN 62061/IEC 61508. The switch-off function corresponds to Stop-Category 0 according to EN 60204-1.</p> <p>According to the application examples described in the user manual ACOPOSmotor can be used in safety functions SS1/2, SLS and SOS according to EN 61800-5-2 respectively Stop-Category 1 and 2 according to EN 60204-1 up to PL e, Cat. 4 according to EN ISO 13849-1 respectively up to SIL 3 according to EN 62061/IEC 61508.</p>		
<b>Specific requirements</b>	The instructions in ACOPOSmotor user's manual (see list of modules) have to be taken into consideration.		
It is confirmed, that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.			
This certificate is valid until 2019-01-20.			



Functional Safety Type Approved

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The issue of this certificate is based upon an examination, whose results are documented in report-no.: 968/EZ 642.00/14 dated 2014-01-20.

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.



Berlin, 2014-01-20

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno