

# EC Type-Examination Certificate



Functional  
Safety

www.tuv.com  
ID 060000000

**Reg.-No.: 01/205/5358.01/15**

<b>Product tested</b>	Integrated safety functions SafeMOTION as part of the safety- related drive system	<b>Certificate holder</b>	Bernecker + Rainer Industrie- Elektronik GmbH B&R Straße 1 5142 Eggelsberg Austria
<b>Type designation</b>	ACOPOSMulti with integrated safety functions SafeMOTION SinCos, Details see actual Revisionlist		
<b>Codes and standards</b>	EN 61800-5-2:2007 EN 61800-3:2004 + A1:2012 (in extracts) EN ISO 13849-1:2008 + AC:2009 EN 62061:2005 + AC:2010 + A1:2013 EN 61508 Parts 1-7:2010	EN 50178:1997 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) EN 61131-2:2007 (in extracts) EN 1037:1995+ A1:2008	
<b>Intended application</b>	Drive control system with integrated safety functions applicable in dependance of the used safety function: Safe Torque Off, STO, up to SIL 3, PL e, Kat. 4, Safe Torque Off 1, STO1 (single channel), up to SIL 2, PL d, Kat. 3, Safe Brake Control, SBC, up to SIL 2, PL d, Kat. 3, Safe Operating Stop, SOS, up to SIL 3, PL e, Kat. 4, Safe Stop 1, SS1, up to SIL 3, PL e, Kat. 4, Safe Stop 2, SS2, up to SIL 3, PL e, Kat. 4, Safety Limited Speed, SLS, up to SIL 3, PL e, Kat. 4, Safe Maximum Speed, SMS, up to SIL 3, PL e, Kat. 4, Safe Direction, SDI, up to SIL 3, PL e, Kat. 4, Safety Limited Increments, SLI, up to SIL 3, PL e, Kat. 4, Safe Reference, up to SIL 3, PL e, Kat. 4, Safe Maximum Position, SMP, up to SIL 3, PL e, Kat. 4, Safe Limited Position, SLP, up to SIL 3, PL e, Kat. 4 Safe Brake Test, SBT, up to SIL 2, PL d, Kat. 3, Safety Limited Acceleration, SLA, till SIL 3, PL e, Kat. 4		

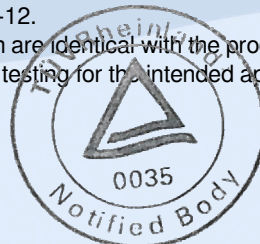
**Specific requirements** The instructions of the associated Installation and Operating Manual shall be considered.

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.

Valid until 2020-03-12

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 546.03/15 dated 2015-03-12.

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.



Berlin, 2015-03-12

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

www.fs-products.com  
www.tuv.com

**TÜVRheinland**<sup>®</sup>  
Precisely Right.