

EC Type-Examination Certificate



Reg.-No.: 01/205/5166.01/16

Product tested Function „Safe Pulse Disabling“, realised in the ACOPOS Servo Drives

Certificate holder Bernecker + Rainer Industrie-Elektronik GmbH
B&R Straße 1
5142 Eggelsberg
Austria

Type designation See list of modules: „BUM_StandardSafety_ModuleListACOPOS_E_xx“

Codes and standards

EN 61800-5-2:2007	IEC 61508 Parts 1-7:2010
EN 61800-3:2004 + A1:2012	EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts)
EN ISO 13849-1:2015	EN 1037:1995+ A1:2008
EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	EN 61131-2:2007 (in extracts)

Intended application

Realization of the safety function STO (Safe Torque Off).
The safe pulse disabling prevents an unintended movement or after standstill an unintended restart of a motor which is connected to an ACOPOS Servo Drive. It can be used in safety applications up to PL d, Cat. 3 according to EN ISO 13849-1 respectively up to SIL 2 according to EN 62061/IEC 61508. The stop function corresponds to Stop-Category 0 according to EN 60204-1.
According to the application examples described in the user manual ACOPOS 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 d, Cat. 3 according to EN ISO 13849-1 respectively up to SIL 2 according to EN 62061/IEC 61508.

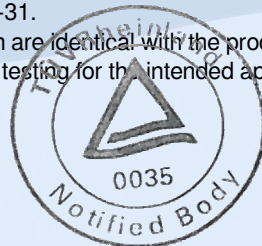
Specific requirements The instructions in ACOPOS user's manual (see list of modules) have to be taken into consideration.

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.

Valid until 2021-05-31

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 357.03/16 dated 2016-05-31.

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.



E. Frejno
Dipl.-Ing. Eberhard Frejno

Berlin, 2016-05-31

Notified Body for Machinery, NB 0035