

# Certificate



Functional  
Safety  
Type  
Approved

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ID 060000000

**No.: 968/FSP 1075.00/14**

<b>Product tested</b>	Portable ANSI-C protocol software in accordance with the ETG FSoE protocol specification	<b>Certificate holder</b>	IXXAT Automation GmbH Leibnizstr. 15 88250 Weingarten Germany
<b>Type designation</b>	FailSafe over EtherCAT (FSoE) Safety Protocol Stack for details see the actual revision list		
<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010 (in extracts)	IEC 61784-3:2010	
<b>Intended application</b>	The software complies with the applicable requirements of the relevant standard (SC 3 acc. to IEC 61508) and can be used in applications up to SIL 3 acc. to IEC 61508.		
<b>Specific requirements</b>	For the use of the safety protocol stack conditions and functional characteristics as specified in the user documentation provided by the manufacturer needs to be observed. The current version of the software is specified in the current revision list. The list is released by the manufacturer in cooperation with the Test Institute.		

Valid until 2019-12-18

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1075.00/14 dated 2014-12-18.

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.

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
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Köln, 2014-12-18

Certification Body for FS-Products

Dipl.-Ing. Heinz Gall