

# Certificate



**No.: 968/EZ 651.01/18**

<b>Product tested</b>	Safety Communication Layer and protocol stack	<b>Certificate holder</b>	Bernecker + Rainer Industrie-Elektronik GmbH B&R Str. 1 5142 Eggelsberg Austria
<b>Type designation</b>	openSAFETY Protocolstack consist of: - openSAFETY Safety Profile Specification Version 1.5.1 - Protocol software 1.5.0		
<b>Codes and standards</b>	IEC 61508 parts 1-4:2010	IEC 61784-3:2016	
<b>Intended application</b>	The openSAFETY Safety Profile Specification Version 1.5.1 fulfils the requirements of IEC 61784-3:2016. The protocol software is a compliant item according to IEC 61508-3:2010 and can be used in applications up to SIL 3 according to IEC 61508.		

Valid until 2023-01-19

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 651.01/18 dated 2018-01-19.  
This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
Am Grauen Stein, 51105 Köln

Köln, 2018-01-19

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens