

# Certificate



Functional  
Safety

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**No.: 968/FSP 2395.00/22**

|                              |                                                                                                                                                                                                                                                                                                       |                           |                                                                                        |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|
| <b>Product tested</b>        | Application software for PROFIsafe slave function                                                                                                                                                                                                                                                     | <b>Certificate holder</b> | Renesas Electronics Corporation<br>3-2-24 Toyosu<br>Koto-ku<br>Tokyo 135-0061<br>Japan |
| <b>Type designation</b>      | PROFIsafe Application Software<br>A detailed type designation can be found in the attached "Revision List"                                                                                                                                                                                            |                           |                                                                                        |
| <b>Codes and standards</b>   | IEC 61508 Parts 1-7:2010 (in extracts)                                                                                                                                                                                                                                                                |                           |                                                                                        |
| <b>Intended application</b>  | The Renesas PROFIsafe Application Software complies with the requirements of SC 3 according to IEC 61508 and can be used as a compliant item in safety related applications up to SIL 3 according to IEC 61508.<br><br>The PROFIsafe Application runs on Renesas Functional Safety Platform Software. |                           |                                                                                        |
| <b>Specific requirements</b> | The operating instructions and the safety manual shall be considered.                                                                                                                                                                                                                                 |                           |                                                                                        |

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 2395.00/22 dated 2022-03-16. This certificate is valid only for products, which are identical with the product tested.

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Köln, 2022-03-16

Certification Body Safety & Security for Automation & Grid

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