

# Certificate



Product Safety  
Functional  
Safety

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**No.: 968/FSP 1557.00/18**

|                       |   |                           |   |
|-----------------------|---|---------------------------|---|
| <b>Product tested</b> | Safety-related Programmable Electronic System | <b>Certificate holder</b> | Beijing Etrol Technologies Co., Ltd.<br>No. 6 Building, No. 9 Dijin Road, Haidian District<br>Beijing, 100095<br>P.R. China |
|-----------------------|---|---------------------------|---|

|                         |  |
|-------------------------|--|
| <b>Type designation</b> | RockE50<br>(see Revision List for details) |
|-------------------------|--|

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|----------------------------|--|--------------------|
| <b>Codes and standards</b> | IEC 61508 Parts 1-7:2010<br>IEC 61131-2:2007 | IEC 61326-3-1:2017 |
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**Intended application**

The Safety-related Programmable Electronic System RockE50 complies with the requirements of the relevant standard IEC 61508 SC2 / SIL 2.

Hence it is suitable for use in safety related applications up to SIL 2 acc. to IEC 61508 for Process Control, Fire & Gas System (FGS), Emergency Shutdown System (ESD), Process Shutdown System (PSD), where the safe state is the de-energized state as well as applications, where the demand state is the de-energized or energized state.

The product was also reviewed in reference to the requirements of IEC 61511-1:2016 + Corr.1: 2016, EN 50130-4:2011 + A1:2014, EN 54-2:1997 + AC: 1999 + A1:2006, NFPA 72:2016 applicable during a type approval and can be used in application as such.

The instructions of Safety Manual and User Manuals must be considered.

Valid until 2023-02-09

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1557.00/18 dated 2018-02-09.  
This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2018-02-09

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens

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**TÜVRheinland**  
Precisely Right.