

# Certificate



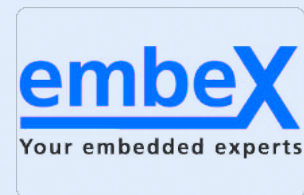
## Functional Safety Management

### FS Management (TÜV Rheinland)

E/E/PE-System Realisation, IEC 61508 Parts 1-7:2010 - Phase 10  
FSM 117

**Certificate No.** 968/FSM 117.09/18

**Certified Company & Location**  
**embeX GmbH**  
Heinrich-von-Stephan-Str. 23  
79100 Freiburg  
Germany



**Scope of Certification** **E/E/PE - safety related System Realisation,**  
related to **IEC 61508 Parts 1-7:2010 - Phase 10**

The certified company has successfully demonstrated during an audit process that a Functional Safety Management System has been implemented and applied accordingly.

Purpose of the audit is to obtain evidence of compliance with the organizational requirements related to the following aspects, **Management of Functional Safety, Documentation, Functional Safety Assessment** and Safety Lifecycle Phases according to the Scope of Certification up to and including **Safety Integrity Level 3 (SIL3), Systematic Capability 3 (SC3)**.

This covers the **development of E/E/PE safety related Systems** including the **development of safety related Hardware** (E/E/PES safety lifecycle) and the **development of safety related Software** (Software safety lifecycle).

As part of the audit process organizational and informational exchange / supply related to other respective Safety Lifecycle Phases between the Certified Company and its customer is considered.

This FSM Certification only refers to the listed company location and their involved departments, which comply with the organizational FSM requirements for the listed Scope of Certification.

It does not replace approval or certification for specific safety E/E/PE-safety related System developments.

**Validity** This certificate is valid until 2021-07-31

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

Cologne, 2018-10-05

Dr.-Ing. Thorsten Gantevoort

TÜV Rheinland  
Industrie Service GmbH  
Automation and Functional Safety  
Am Grauen Stein  
51105 Cologne - Germany

Certification Body Safety & Security for Automation & Grid  
Further information referring to the scope of certification, see <http://www.tuv.com>