

**CERTIFICATE NO FS/71/220/24/1532**

ZERTIFIKAT NR.:

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SEITE(N)

**LICENCE HOLDER & MANUFACTURER**

GENEHMIGUNGSINHABER & HERSTELLER

Eclipse Foundation AISBL  
Rond Point Schuman 11  
Brussels 1040  
Belgium

**PROJECT NO/-ID**

PROJEKT-NR/-ID

V28U-AU01

**LICENSED TEST MARK**

GENEHMIGTES PRÜFZEICHEN



**CERT. REPORT NO.**

ZERTIFIKATSBERICHT NR.

V28U0001

is an integral part of this certificate.  
ist ein integraler Bestandteil dieses Zertifikats.

**Certified product(s)** Eclipse ThreadX Core

Zertifizierte(s) Produkt(e)

Version 6.1.1

**Tested according to**

Geprüft nach

IEC 61508:2010; clause 7.4.2.12, route 3S  
IEC 62304:2015  
ISO 26262-8:2018; clause 12  
EN 50128:2011; clause 7.3.4.7

**Technical Data and Parameter**

Technische Daten und Parameter

Suitable as part of safety related software acc. to:

- IEC 61508 up to SIL 4
- IEC 62304 up to software safety Class C
- ISO 26262 up to ASIL D
- EN 50128 up to software SIL 4

A safety manual and a user guide are provided for how to apply the software for embedded systems in a safety related context. It is highly recommended for integrators of Eclipse ThreadX Core to follow this guidance.

The certificate is based on voluntary tests. The compliance of the certified product against the requirements of above listed functional safety standards was evaluated. Any changes to the design, components or processing may require repetition of some parts of the certification to retain the certification. All applicable requirements of the testing and certification regulations of SGS-TÜV Saar GmbH have to be complied, see [www.sgs-tuv-saar.com/tcr-muc](http://www.sgs-tuv-saar.com/tcr-muc) and [www.sgs-tuv-saar.com/gtc-muc](http://www.sgs-tuv-saar.com/gtc-muc).

**Certification Body  
for Functional Safety &  
Cyber Security  
SGS-TÜV Saar GmbH**

Zertifizierungsstelle für Funktionale Sicherheit &  
Cyber Sicherheit



Munich, Oct 04, 2024

*G. Neumann*  
Gudrun Neumann

Reference to  
SGS Certification  
Database



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