



CERTIFICATE NO FS/71/220/25/1860

ZERTIFIKAT NR.:

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SEITE(N)

LICENCE HOLDER GENEHMIGUNGSINHABER

Rokae (Shandong) Robotics Technology Co., Ltd.
No. 888 HuaRun Rd., Zoucheng, Jining, Shandong

MANUFACTURING PLANT FERTIGUNGSSTÄTTE

Rokae (Shandong) Robotics Technology Co., Ltd.
No. 888 HuaRun Rd., Zoucheng, Jining, Shandong

PROJECT NO/-ID PROJEKT-NR/-ID

W29B-AU02

LICENSED TEST MARK GENEHMIGTES PRÜFZEICHEN



Technical REPORT NO. TECHNISCHER BERICHT NR.

W29B0001

Tested according to Geprüft nach

EN ISO 13849-1:2015 / PL d with Category 3

Certified product(s) Zertifizierte(s) Produkt(e)

xMate Series collaborative robot safety system

Model(s) Modell(e)

XME3p-R760, XME7p-R850, XME3-R760, XME7-R850, SR3, SR5, CR7, CR12, CR18, CR20

Technical Data and Parameter Technische Daten und Parameter

The products fulfill the requirements of functional safety acc. to above standards in accordance with PL d. It is designed with a hardware architecture according to Category 3.

Specific Requirements Spezifische Anforderungen

This certificate confirms the achievement of the requirements based on the following proofs:

- Proof of systematic safety integrity for defined phases of the life cycle
- Proof of the required safety-related parameters (failure rate, MTTF_D, DC, CCF, CAT, PFH_D)
- Proof of the techniques and measures according to EN ISO 13849-1
- Proofs that processes and methods are established at the manufacturer guaranteeing that unexceptionable processes in terms of risk analysis, design, production, validation, change management and quality management comply with the safety-related standard.

Certification Body for Functional Safety SGS-TÜV Saar GmbH



The validation status is documented via SGS Certification Database.



The test mark regulation is an integral part of this certificate.

Munich, July 7, 2025

Robert Sammer

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