

CERTIFICATE NO FS/71/220/25/1860

ZERTIFIKAT NR.:

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SEITE(N)

LICENCE HOLDER
GENEHMIGUNGSHABER

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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