

CERTIFICATE NO XDW15\9657

ZERTIFIKAT NR.:

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SEITE(N)

LICENCE HOLDER

GENEHMIGUNGSINHABER

KUKA Roboter GmbH
Zugspitzstrasse 140
86165 Augsburg

MANUFACTURING PLANT

FERTIGUNGSSTÄTTE

KUKA Roboter GmbH
Zugspitzstrasse 140
86165 Augsburg

PROJECT NO/-ID

PROJEKT-NR/-ID

K20X

LICENSED TEST MARK

GENEHMIGTES PRÜFZEICHEN

CERT. REPORT NO.

ZERTIFIKATSBERICHT NR.

K20X0003

Tested according to

Geprüft nach

EN ISO 13849-1:2008
DIN EN 62061: 2013

Certified product(s)

Zertifizierte(s) Produkt(e)

Lightweight Robot System including manipulator, controller with Sunrise.OS, connecting cables, smartPAD and IDE Sunrise Workbench

Model(s)

Modell(e)

7 R800 und 14 R820
(details refer to K20X0003)

Technical Data and Parameter

Technische Daten und Parameter

The products fulfill the requirements of functional safety acc. to DIN EN 62061 up to SIL 2 and EN ISO 13849 up to PL_d performed in Category 3.

Specific Requirements

Spezifische Anforderungen

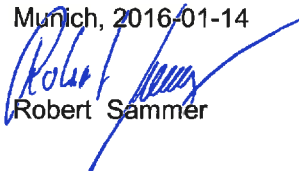
This certificate confirms the achievement of the requirements of functional safety based on the following proofs:

- 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, PFH_D and SFF by means of FMEDA)
- Proofs that processes and methods are established at the manufacturer guaranteeing that unexceptionable processes in terms of production, change management, verification and validation comply with the safety-related standards (see K20X0003 and Factory Inspection Report).
- Reports for components of the Lightweight Robot System provided by other Notified Bodies

**Certification Body
for Functional Safety
SGS-TÜV Saar GmbH**

Zertifizierungsstelle für Funktionale Sicherheit

Munich, 2016-01-14



Robert Sammer

The test mark regulation is an integral part of this certificate.
Die Prüf- und Zertifizierungsordnung ist integraler Bestandteil des Zertifikates.

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