

CERTIFICATE NO FS/71/220/24/1316

ZERTIFIKAT NR.:

PAGE 1/1

SEITE(N)

LICENCE HOLDER

GENEHMIGUNGSINHABER

ABB AG
Division Robotics
Zeppelinstraße 18A
82205 Gilching, Germany

MANUFACTURING PLANT

FERTIGUNGSTÄTTE

ABB, Robotics & Discrete Automation
721 68 Västerås, Sweden
with authorized representative
Shanghai, China & Auburn Hills. USA

PROJECT NO-/ID

PROJEKT-NR-/ID

T1M2

LICENSED TEST MARK

GENEHMIGTES PRÜFZEICHEN



Technical REPORT NO.

TECHNISCHER BERICHT NR.

T1M20012
T1M20008, T1M20009

Tested according to

Geprüft nach

ISO 13849-1:2015, IEC 60204-1:2016
ISO 10218-1:2011

Certified product(s)

Zertifizierte(s) Produkt(e)

Robot System

Model(s)

Modell(e)

- CRB 15000 Robot
- Manipulator CRB 15000 Body:
 - 3HAC074304-001 (5/0.95)
 - 3HAC081041-001 (12/1.27)
 - 3HAC084468-001 (10/1.52)
 - OmniCore C30: 3HAC075639-001
 - FlexPendant: 3HAC065726-001 / -002 / -003
 - Control Cable Hybrid Power: 3HAC073212-002 (Floor cable)

Technical Data and Parameter

Technische Daten und Parameter

The product fulfils the requirements of functional safety acc. to ISO 13849 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 proof:

- Proof of the techniques and measures according to ISO 13849-1, -2, IEC/EN 60204-1, ISO 10218-1.
- 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

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

Zertifizierungsstelle für Funktionale Sicherheit

Munich, 2024-03-07



Robert Sammer

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

Die Prüf- und Zertifizierungsdrucke ist integraler Bestandteil des Zertifikates

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