

CERTIFICATE NO FS/71/220/24/1436

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ZERTIFIKAT NR.:

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.

T1M20017,
T1M20010-01

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)

Controller: OmniCore C30

- Omnicore C30 Controller
- Teach Pendant Unit: FlexPendant: DSQC3060 or DSQC3124

Manipulator: GoFa-5, GoFa-10, GoFa-12

- CRB 15000 Manipulator
 - CRB 15000-5/0.95
 - CRB 15000-10/1.52
 - CRB 15000-12/1.27

- Control Cable Hybrid floor cable
- Drag chain cable

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

- 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 management comply with the safety-related standard.

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

Zertifizierungsstelle für Funktionale Sicherheit

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

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Munich, 2024-07-01

Robert Sammer