CERTIFICATE NO FS/71/220/25/1823

ZERTIFIKAT NR.:

LICENCE HOLDER
GENEHMIGUNGSINHABER

Suzhou Inovance Technology Co., Ltd.
No. 52, Tian E Dang Road, Wuzhong District, 215104, Suzhou City, Jiangsu Province, P.R. China

MANUFACTURING PLANT
FERTIGUNGSSTÄTTE

Suzhou Inovance Technology Co., Ltd.
No. 52, Tian E Dang Road, Wuzhong District, 215104, Suzhou City, Jiangsu Province, P.R. China

PROJECT NO/-ID
PROJEKT-NR/-ID

W282

LICENSED TEST MARK
GENEHMIGTES PRÜFZEICHEN

SGS TÜV SAAR
FUNKTIONALE SICHERHEIT GEPRÜFT
FUNCTIONAL SAFETY APPROVED

Technical REPORT NO.
TECHNISCHER BERICHT NR.

W2820001, W2820002, W2820003, W2820004, W2820005

Tested according to
Geprüft nach

IEC 61508:2010, EN 61508:2010, ISO 13849-1:2023, EN ISO 13849-1:2023, EN ISO 13849-1:2015, IEC 61800-5-2:2016, EN 61800-5-2:2017, EN 61800-5-2:2007, IEC 62061:2021, EN IEC 62061:2021

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

AC drive with Safety Function STO

Model(s)
Modell(e)

MD880 series

Technical Data and Parameter
Technische Daten und Parameter

The products fulfil the requirements of functional safety acc. to IEC 61508:2010, EN 61508:2010, IEC 62061:2021, EN IEC 62061:2021 in accordance with SIL 3, HFT=1 and EN ISO 13849-1:2015, ISO 13849-1:2023, EN ISO 13849-1:2023 PL e, Cat. 3 and the requirements acc. to IEC 61800-5-2:2016, EN 61800-5-2:2017, EN 61800-5-2:2007.

Specific Requirements
Spezifische Anforderungen

This certificate confirms the achievement of the requirements based on the following proof:
Proof that processes and methods are established at the manufacturer guaranteeing that unexceptionable processes in terms of design, production, validation, and quality management comply with the safety-related standards (refer to reports W2820001, W2820002, W2820003, W2820004, W2820005)

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, June 26th 2025

Robert Sammer

SGS-TÜV Saar GmbH, Benzstr. 28,
D-82178 Puchheim near Munich, Deutschland / Germany.

Website: www.sgs-tuv-saar.com/fs
E-Mail: fs@sgs.com

Model List
Referred to on Certificate No.: FS/71/220/25/1823
Product: AC Drive

Attachment:

No.	Size	Type designation
1	S12	MD880-01S-0600-7-SG(a)
2		MD880-01S-0650-7-SG(a)
3		MD880-01S-0721-7-SG(a)
4	S11	MD880LC-01S-0530-7(a)
5	H7	MD880LC-50M-0530-7(a)
6		MD880LC-50M-0650-7(a)
7	H8	MD880LC-50M-0900-7(a)
8	H6W	MD880LC-50M-0395-5(a)
9		MD880LC-50M-0349-5(a)
10		MD880LC-50M-0299-5(a)
11		MD880LC-50M-0245-5(a)
12		MD880LC-50M-0183-5(a)
13		MD880LC-50M-0149-5(a)

Note:
a: All models listed in above table are all safety-relevant products, the customer may add an additional suffix (see note b) to these models. This suffix can serve as an extra customer identification and does not change the certified safety-relevant properties and designation of the models (refer to above table).
b: 'a' can be a space or suffix (alphanumeric characters, symbols).