

**CERTIFICATE NO. FS/71/220/26/2298**

ZERTIFIKAT NR.

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SEITE(N)

**LICENCE HOLDER &  
GENEHMIGUNGSINHABER**

**Lihong Safety Equipment  
Engineering (Shanghai) Co., Ltd.**  
1st Floor, Building 1, No. 2816 Yixian  
Road, Baoshan District, Shanghai  
201900, P.R. China

**MANUFACTURER  
HERSTELLER**

**Refer to reports V48T0001, V48T0002,  
V48T0003**

**Project No /-ID  
PROJEKT-NR./-ID**

V48T-AU02

**LICENSED TEST MARK  
GENEHMIGTES PRÜFZEICHEN**

**Certification Report No.  
ZERTIFIKATSBERICHT NR.**

V48T0001, V48T0002,  
V48T0003

is an integral part of this certificate  
ist ein integraler Bestandteil dieses  
Zertifikats



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

**Safety programmable controller SPC series**  
SPC-1000, SPC-SIO8, SPC-SIO12

**Tested according to  
Geprüft nach**

IEC 61508:2010, EN 61508:2010, ISO 13849-1:2023, EN ISO  
13849-1:2023, ISO 13849-2:2012, EN ISO 13849-2:2012, IEC  
62061:2021, EN IEC 62061:2021

**Technical Data and  
Parameter**

Technische Daten und Parameter

The products fulfil the requirements of functional safety acc. to IEC / EN  
61508:2010, IEC / EN IEC 62061:2021 in accordance with SIL 3, HFT=1  
and ISO / EN ISO 13849-1:2023 PL e, Cat. 4.

**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 V48T0001,  
V48T0002, V48T0003)

**Surveillance  
Überwachung**

Certificate is valid for the specified version only, no surveillance  
necessary.

May 26 The certificate is based on voluntary tests. The compliance of the certified product against the requirements of above listed standards was  
evaluated. Any changes to the design, components or processing may require repetition of some parts of the certification in order to retain the  
certification. All applicable requirements of the testing and certification regulations of SGS-TÜV Saar GmbH have to be complied, see [www.sgs-tuv-saar.com/tcr-muc](http://www.sgs-tuv-saar.com/tcr-muc) and [www.sgs-tuv-saar.com/utc-muc](http://www.sgs-tuv-saar.com/utc-muc).

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

Zertifizierungsstelle für Funktionale  
Sicherheit und Cyber-Sicherheit



Puchheim, May 27, 2026

i.V. Robert Sammer

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

Reference to SGS  
Certification Database



Certificate is valid until  
Zertifikat ist gültig bis

no time limit

or unless it is cancelled  
oder bis es gekündigt wird

Website: [www.sgs-tuv-saar.com](http://www.sgs-tuv-saar.com)  
E-Mail: [fs@sgs.com](mailto:fs@sgs.com)