

CERTIFICATE NO FS/71/220/17/0196

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ZERTIFIKAT NR.:

SEITE(N)

LICENCE HOLDER

GENEHMIGUNGSINHABER

MANUFACTURING PLANT

FERTIGUNGSSTÄTTE

DUON SYSTEM CO., LTD
298-29, Gogdan-ro, Gunpo-si,
Gyeonggi-do, Republic of Korea

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PROJECT NO/-ID

PROJEKT-NR/-ID

G04R

LICENSED TEST MARK

GENEHMIGTES PRÜFZEICHEN



CERT. REPORT NO.

ZERTIFIKATSBERICHT NR.

G04R0007

Tested according to

Geprüft nach

IEC 61508:2010 Ed.2 and IEC 61511:2003

Certified product(s)

Zertifizierte(s) Produkt(e)

Pressure Transmitter

Model(s)

Modell(e)

APT3100

Technical Data and Parameter

Technische Daten und Parameter

The product fulfils the requirements acc. to IEC 61511:2003 and IEC 61508 Ed.2 in accordance with SIL2 and SC2. It is designed with a hardware fault tolerance HFT = 0 (1oo1- architecture).

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 hardware parameters (SIL 2 failure rate, PFD, SFF by means of FMEDA)
- Proof of the safety-related techniques and measures according to SIL 2
- 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 (see G04R0007)

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

Zertifizierungsstelle für Funktionale Sicherheit

Munich, 2017-02-24

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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