

CERTIFICATE NO FS/71/220/17/0178

ZERTIFIKAT NR.:

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SEITE(N)

LICENCE HOLDER

GENEHMIGUNGSINHABER

HONEYWELL Analytics
Asia Pacific Co., Ltd.
7F SangAm IT Tower, 434 Worldcup
Buk-ro, Mapo-gu, Seoul
03922, South Korea

MANUFACTURING PLANT

FERTIGUNGSSTÄTTE

HONEYWELL Analytics
Asia Pacific Co., Ltd.
28, 2Gongdan 2Ro, Seobuk-gu,
Cheonan-si Choogcheongnam-do,
331-300, South Korea

PROJECT NO/-ID

PROJEKT-NR/-ID

K287

LICENSED TEST MARK

GENEHMIGTES PRÜFZEICHEN



CERT. REPORT NO.

ZERTIFIKATSBERICHT NR.

K2870001

Tested according to

Geprüft nach

IEC 61508:2010 Ed.2, EN 50271:2010

Certified product(s)

Zertifizierte(s) Produkt(e)

Touch-screen digital controller for general industrial and commercial gas detection systems

Model(s)

Modell(e)

Touchpoint Plus (TPPL)

Technical Data and Parameter

Technische Daten und Parameter

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

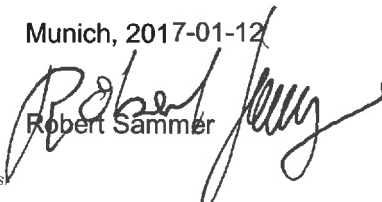
- Proof of systematic safety integrity for defined phases of the life cycle
- Proof of the required safety-related hardware parameters (SIL 2 failure rate, PFD, SFF by means of FMEDA)
- Proof of the safety-related techniques and measures according to SIL 2
- Proofs that processes and methods are established 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 K2870001)

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

Zertifizierungsstelle für Funktionale Sicherheit

Munich, 2017-01-12

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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