

CERTIFICATE NO. FS/71/220/20/0502

ZERTIFIKAT NR.:

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SEITE(N)

LICENCE HOLDER

GENEHMIGUNGSINHABER

Danfoss A/S
Nordborgvej 81
6430 Nordborg
Denmark

MANUFACTURING PLANT

FERTIGUNGSSTÄTTE

LISTED IN

GELISTET IN

Report No. K48S0004
BERICHT NR.

PROJECT NO./ID

PROJEKT-NR./ID

K48S

LICENSED TEST MARK

GENEHMIGTES PRÜFZEICHEN



CERT. REPORT NO.

ZERTIFIKATSBERICHT NR.

K48S0004

Tested according to

Geprüft nach

DIN EN 61508 Ed.:2011

Certified product(s)

Zertifizierte(s) Produkt(e)

Pressure transmitter

Model(s)

Modell(e)

DST P92S

Technical Data and Parameter

Technische Daten und Parameter

The product fulfils the requirements of functional safety acc. to DIN EN 61508 Ed.:2011 up to SIL2. The requirements of the architectures have to be reconsidered for each application.

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 safety life cycle
- Proof of the required safety-related parameters (failure rate, PFD, β -Factor und SFF means of FMEDA)
- The pressure transmitter DST P92S represents the sensor unit applicable in a safety function. For each safety function the technical characteristics are determined and the validation depending on the application has to be performed.

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

Zertifizierungsstelle für Funktionale Sicherheit

Munich, 2020-03-18

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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This certificate refers to the original german version with the Hologram No: 16731

