

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Pressure Transmitter**with type designation(s)
SITRANS P200 (KAESER)

Issued to

Kaeser Kompressoren SE
96450 Coburg, Germanyis found to comply with
DNV GL rules for classification – Ships**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****Location classes:**

Temperature	D
Humidity	B
Vibration	B
EMC	B
Enclosure	B / IP65

This Certificate is valid until **2021-04-11**.Issued at **Hamburg** on **2016-04-12**DNV GL local station: **Augsburg**Approval Engineer: **Dariusz Lesniewski**for **DNV GL**

Duy Nam Le
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Job Id: **262.1-011597-2**
Certificate No: **TAA00000CF**

Product description

SITRANS P200 (KAESER) pressure transmitter series for measuring absolute and relative pressure.

Model name	Order No.	Max. measuring range	Accuracy	Enclosure
SITRANS P200 (KAESER)	7MF1562-xxxxx-xxxx	0 – 4 bar absolute pressure 0 – 32 bar relative pressure	0.5 % FS	IP65

Electrical connection: Plug (EN 175301-803-A)
Process connection: G1/2" (male), G1/8" (female)

Place of manufacture

Huba Control AG
Industriestrasse 17
CH-5436 Würenlos
Switzerland

Application/Limitation

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV GL, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV GL Rules for Ships Pt.4 Ch.9 Control and Monitoring Systems.

The transmitters are to be powered with a galvanically isolated instrument power supply of approved type.

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rules and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

Type Approval documentation

Tests carried out

Applicable tests according to Class Guideline DNVGL CG-0339, November 2015

Marking of product

Kaeser Kompressoren SE
Model name as listed under Product description
Order No.: 7MF1562-xxxxx-xxxx
Measuring range
Serial No

Periodical assessment

The scope of the retention/renewal survey is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the survey are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate



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Retention survey is to be performed at least once in the period of validity and at renewal of the certificate.

END OF CERTIFICATE