

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Pressure Transmitter

with type designation(s)
8255- Engine pressure transmitter NAE and 8257- Low pressure transmitter NSL

Issued to
Trafag AG
Bubikon, Switzerland

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

Application :

Location classes:

Temperature	D
Humidity	B
Vibration	B
EMC	B
Enclosure	B

This Certificate is valid until **2018-12-31**.

Issued at **Høvik** on **2014-08-29**

DNV GL local station: **Augsburg**

Approval Engineer: **Nils Jarem**



for **DNV GL**
 Digitally Signed By: Sneen, Ståle
 Location: DNV GL Høvik, Norway
 Signing Date: 2014-08-29, on behalf of

Odd Magne Nesvåg
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. If any person suffers loss or damage which is proven to have been caused by any negligent act or omission of the Society, then the Society shall pay compensation to such person for his proven direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question. The maximum compensation shall never exceed USD 2 million. In this provision the "Society" shall mean DNV GL AS as well as all its direct and indirect owners, affiliates, subsidiaries, directors, officers, employees, agents and any other person or entity acting on behalf of DNV GL AS.

Certificate No: **A-13910**
 File No: **892.10**
 Job Id: **262.1-002011-5**

Product description

Pressure Transmitter 8255 – Engine pressure transmitter NAE and 8257 – Low pressure transmitter NSL, covering the following combinations:

Type	Range	Sensor type	Pressure connection	Execution	Output	Accessories
8255	74 to 86	21 23	17 18 30	01 32 35	19	33 34 *40 *43 *45
8257	68 to 75	23 43	17 30	01 32 35	19	33 34 40 43 45

*Only available for pressure connection no 17 and 30.

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV, 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 Rules for Ships Pt.4 Ch.9 Control and Monitoring Systems.

Type Approval documentation

Binder submitted for Type Approval 2006, extended with type 8257 in 2009, containing:

Documentation	Reference numbers
Data sheet:	Type 8255: H72301h Type 8257: H72302e
Instructions:	H73250k
Assembly Drawings:	B62179d, B62081n, B64335b, B62464c, B64370c, B64350d, B64355d, B62482c, B62256f
Test Reports:	Trafag V-0613 (2006-02-21), V-0663(2006-06-29) EMC-Testcenter EMCKP796 Index A; Mettler-Toledo 20051228.A02.04, 20061129.A02.01

DNV GL Augsburg periodical assessment report for A-11873, dated 2014-07-30

Tests carried out

Applicable tests according to Standard for Certification No. 2.4, April 2006.
 IP65 test according to EN/IEC 60529 (Sept. 2000).