



Certificate number: 80941/A0 BV

File number: MPA2501463

Product code: 3891H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

TRAFAG AG

Bubikon - SWITZERLAND

for the type of product

PRESSURE TRANSMITTERS / TRANSDUCERS

NAE 8256 Series

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 33; 43

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 04 Jun 2031

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 04 Jun 2026,

Dirk Hoepfner

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <https://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=ohejdyz8fa>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Pressure transmitter **NAE 8256** series with thin-film-on-steel sensor element.

1.1 - Main characteristics

Measuring range [bar] / [psi]:	0...0.2 to 0...700 / 0...3 to 0...10000
Power supply [VDC]:	24, (Range 9...32)
Output [mA]:	4...20 or with 1 or 2 PNP transistors
Operating temperature [°C]:	-40 up to +125
Degree of protection:	IP65, IP67, IP67, IP68 (20bar, 30 min) cable connection (88)

1.2 - Type code:

Sensor type: 8256 **aa.bb.cc.dd.ee.ff**

aa = Measuring range:	[bar]: 68 to 71, 73 to 87; [psi]: F8, F9, G0, G1, G3 to G9, GA, HA, H0 to H7
bb = Sensor:	23
cc = Pressure connection:	15, 17, 30, 32, 53, 54
dd = Electrical connection:	32, 35, 88
ee = Output:	19, PS, T1
ff = Accessories:	33, 44, 61, 63, 83, E1, EM, 1M, 2M, ZC, ZS

2. DOCUMENTS AND DRAWINGS:

- Electrical Diagram: B54860f dated 15.09.17; B53140b dated 15.05.24; B53130d dated 03.09.24
- Assembly overview: C21580u dated 21.01.2025
- Datasheet: H72305p dated 08/2024

3. TEST REPORTS:

- TEA AG UB17662 dated 2026-04-07; UB14650 dated 2020-04-06; EMCKP6600B dated 2026-05-13

4. APPLICATION / LIMITATION:

- 4.1 - Bureau Veritas Rules for the Classification of Steel Ships
- 4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**
- 4.3 - Bureau Veritas Environmental Category, **EC Code: 33; 43**
- 4.4 - Only Hardware and Software successfully tested together in compliance with the Rules as referred to in page one, according to the declaration of the manufacturer is covered by this certificate.
- 4.5 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev. 10.
- 4.6 - A certified power source must be used for the pressure transmitter.

5. PRODUCTION SURVEY REQUIREMENTS:

- 5.1 - The above mentioned products are to be supplied by **TRAFAG AG** in compliance with the type described in this certificate.
- 5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.
- 5.3 - **TRAFAG AG** has to make the necessary arrangements to have its works recognized by Bureau Veritas in compliance with the requirements of NR320 for HBV products.
- 5.4 - For information, **TRAFAG AG** has declared to Bureau Veritas the following production site:

TRAFAG AG
Industriestrasse 11
CH-8608 Bubikon
SWITZERLAND

6. MARKING OF PRODUCT:

- Maker's name or trademark
- Equipment type or model identification
- Date of manufacture and/or serial number

7. OTHERS:

7.1- It is the responsibility of **TRAFAG AG** to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval

***** END OF CERTIFICATE *****