

TYPE APPROVAL CERTIFICATE

Certificate No. : MIL04934-AE003 Initial Approval : 15th April, 1994

Product : Pressure Transmitter

Manufacturer : Trafag AG

Industriestrasse 11, CH-8608 Bubikon, Switzerland

Product Description : Type : 8202(Navitrag N, 2-wire transmitter)

" See Appendix 1 "

Approval Condition: "See Appendix 1"

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 14th April, 2024 Issued at Busan, Korea on 21st October, 2019



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "http://e-cert.krs.co.kr" by using the tracking No (ME19029394626) and certificate No.(MIL04934 -AE003).



KOREAN REGISTER OF SHIPPING

General Manager of Marine & Ocean Equipment Team

Note: 1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.

- 2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the amplicant or the manufacturer.
- 3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
- 4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

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Appendix 1

Product Description and/or Approval Condition

Certificate No: MIL04934-AE003 Date of Issue: 21st October, 2019

A. Product Description

1. Product Specification

1) Product Description

Pressure sensor and monitoring instruments for marine applications.

- Measuring Range : 0 ~ 1.0 to 0 ~ 600 bar

- Power Supply : 24 V DC - Output Signal : 4 \sim 20 mA - Protection Grade : IP 65

2. Approved Drawings and Documents

1) Drawings

- Drawing No. B64017g, B64301g

2) Data sheet

- H72206i (2018.07)

3. Test Reports, etc.

- 1) Environmental/EMC Test Report
 Test Report No. Z-8202 of Sep. 25 1990
 Test Report No. EMCK346 of Mar. 22 2004
 V-15028 (2015.04), V-19056 (2019.08)

 - UB14263 Rev.0 (2019.07), 19CH-00071.E01 (2019.08)

B. Approval Condition

1. Application & Limitation

1) This approval is granted on the basis of the test reports and the approved documentation.

2. Individual Product Cert. and Drawing Approval Requirement

1) Individual Product Certification is not required.

3. Marking

1) The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.

4. Others

1) Test condition

Test	Condition	Remark
EMC	All locations excluding the bridge and deck zone	Up to 6GHz
Temperature	-25 ~ +80°C	_
Vibration	Acceleration ±4g	
Degree of protection	IP65	_ _

< End of Certificate >

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