

MARINE DIVISION
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**BUREAU
VERITAS**

Certificate N°:
09034/A0 BV
The attached Schedule forms part of the certificate
File Number : ACM 141/2009/001
Product Code : 3891H

CERTIFICATE OF TYPE APPROVAL

This is to certify that the product identified below was found to be in compliance with the relevant hereunder stated Regulations & standards

PRESSURE TRANSMITTERS / TRANSDUCERS
PRESSURE TRANSMITTER EPT - Type 8242.xx.20yy.zz and 8282.xx.20yy.zz.

MANUFACTURED BY:

TRAFAG AG
Mönnedorf ZH - SWITZERLAND

SPECIFIED REGULATIONS & STANDARDS :
BV Rules and Regulations for the Classification of Ships.

The Approval is valid until : 23/07/2004

BUREAU VERITAS ZURICH

At Paris la Défense, on : 23/07/99

Ch. P. Sijgh



J. Benoit

J. BENOIT
For the Secretary

This Certificate remains valid until the date stated on, hereunder, unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory into service.

This Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested.

This Certificate is not valid without the stamp of the above mentioned by BUREAU VERITAS Inspection Center.

The manufacturer should notify BUREAU VERITAS of any modification or changes to the equipment in order to obtain a valid Certificate.

The latest published Regulations or Standards referred to, above, and the Marine Division General Conditions are applicable.



THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

"PRESSURE TRANSMITTER EPT - Type 8242.xx.20yy.zz and 8282.xx.20yy.zz"

- Range ⇒ 0... 2.5 to 0...600 bar.
- Output signal ⇒ 4... 20 mA - Un = 24V.
- Standard accuracy ⇒ 1 % .
- Degree of protection ⇒ ≥ IP 65.

2. DESIGN DRAWINGS and/or SPECIFICATIONS

According to document filed in ACM 141/2009/001.

3. TYPE TEST REPORTS / LABORATORY RECOGNITION STATUS

Test report N° V888 01-99.

4. MATERIALS and/or COMPONENTS REQUIRED TO BE TYPE APPROVED

Nil.

5. OTHER MATERIALS and/or COMPONENTS

Nil.

6. APPLICATION / LIMITATION OF USE

- 6.1 - BV Rules and Regulations for the Classification of Ships.
- 6.2 - Approval also valid for ships to be granted with the notations: AUT-MS, AUT, AUT-CC, PORT.

7. PRODUCTION SURVEY REQUIREMENTS

Arrangements should be made for a Society's Surveyor to inspect equipment of the type referred to in this certificate which is intended for use on BUREAU VERITAS registered ships at the Manufacturer's works.

8. ON BOARD INSTALLATION & MAINTENANCE REQUIREMENTS

The equipment, once installed on board ship, is to be tested in accordance with the above referred Regulations under the supervision of a Society's Surveyor.

9. MARKING FOR IDENTIFICATION

- Trade name
- Date of manufacture and serial number
- Equipment type or model identification under which it was type-tested.

10. OTHERS

This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the units at any time and that **TRAFAG AG**, will accept full responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of use and general maintenance of the units and the conditions of this approval.

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