



Marine &amp; Offshore

Certificate number: 06511/F1 BV

File number: AP 2900

Product code: 3831H

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

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**DANFOSS A/S**  
NORDBORG - DENMARK

*for the type of product*

**TEMPERATURE CONTROLLERS**

Type: MBT 5722.

### Requirements:

Bureau Veritas Rules for the Classification of Steel Ships.

*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: 22 Jun 2026**

**For Bureau Veritas Marine & Offshore,**

At BV FREDERICA, on 13 May 2024,

Jesper JENSEN

***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: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=sjv0w8vwmq>

BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION:**

- Product model or type designation :  
**MBT 5722**
- Product description:  
Temperature Transmitter With Resistance Element And Mineral Insulation

<b>Type</b>	<b>Data Sheet</b>
MBT 5722	AI202086427489en-000801

### **2. DOCUMENTS AND DRAWINGS:**

According to documents filed in AP 2900.  
Stern Tube Sensor MBT 5722 Technical Brochure No. IC.PD.P30.M4.02 dated May 2013.

### **3. TEST REPORTS:**

According to documents filed in AP 2900.

### **4. APPLICATION / LIMITATION:**

- 4.1 - BV Rules for the Classification of Steel Ships.
- 4.2 - Approval also valid for ships to be granted with the notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

### **5. PRODUCTION SURVEY REQUIREMENTS:**

- 5.1 - The above products are to be supplied by **Danfoss A/S** 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 - **Danfoss A/S** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.
- 5.4 - **Danfoss A/S** has declared to Bureau Veritas the following production site(s):

**Danfoss (Tianjin) Co.,Ltd**  
**No.9 Quanhui Road, Wuqing Development Area,**  
**Tianjin,China**

### **6. MARKING OF PRODUCT:**

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

### **7. OTHERS:**

- 7.1 - It is **DANFOSS A/S - Nordborg, Denmark's** responsibility 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.
- 7.2 - This certificate supersedes the Type Approval Certificate No. 06511/F0 BV issued on 22 Jun 2021 by the Society.

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