



TYPE APPROVAL CERTIFICATE

Certificate No. : DLN34014-AE002

Initial Approval : 1st July, 2015.

Product : Temperature Sensors

Manufacturer : Danfoss(Tianjin) Ltd.

Wqing Development Area 9 Quanghai Road, 301700 Tianjin China

Product Description : Type : MBT 5250/5252/5253/5260/5310/5410

MBT 5310/5253/5250/5260 Customized

" See Appendix 1 "

Approval Condition :

1. This approval is granted on the basis of the test report no. 2006-2299 issued by Danfoss Laboratory.
2. The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.
3. Individual Product Certification is not required.

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 30th June, 2020.

Issued at Shanghai, China on 1st July, 2015.



KOREAN REGISTER OF SHIPPING

*General Manager of
Technical Support Team
CHINA KR Co., Ltd.*

Note : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or the renewal of the Certificate is not underway.

2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.

Product Description and/or Approval Condition

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Date of Issue : 1st July, 2015.

Product Description ;

1) General Specification ;

Type	Sensor Element	Temperature Range (°C)	Insert	Insertion Length (mm)	Extension Length (mm)	Application
MBT 5250	Pt 100 Pt 1000	-50 ~ 200	MBT 150	50 up to 500	50	Universal Temp. Sensor
MBT 5252	Pt 100	-50 ~ 200	MBT 152	50 up to 500	50	Universal Temp. Sensor
MBT 5253	Pt 100 Pt 1000	-50 ~ 200	MBT 153	50 up to 500		Universal Temp. Sensor
MBT 5260	Pt 100 Pt 1000	-50 ~ 200	Fixed	50 up to 250	50	Universal Temp. Sensor
MBT 5310	Pt 100	-50 ~ 200		60 up to 300		Bearing
MBT 5410	Pt 100	-50 ~ 100		100		Room

2) MBT 5310/5253/5250/5260 Customized ;

- Data sheet / Engineering sheet No. : 090518-5, 090206-5, 09428-5, 100128-5
- Drawing / Spec. No. : 084Z9115, 084R2037, 084Z3238, 084R2016, 084Z9002, 084R2034
- Vibration & shock test report No. : 2008-2142, T205006(2013.03.15)
- Environmental test report No. : 084Z3025(2012.11.07) for MBT 5310

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