



TYPE APPROVAL CERTIFICATE

형 식 승 인 증 서

Certificate No. : CPH04967-AE009 **Initial Approval** : 3rd November, 1999.

Product : Temperature Sensors

Manufacturer : Danfoss A/S
DK-6430 Nordborg, Denmark

Product Description : Type : MBT 5111/5113/5114/5116/5116 Slim line
" See Appendix 1 "

Approval Condition : 1. The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.
2. 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 2nd November, 2014.
Issued at Daejeon, Korea on 27th January, 2010.



한국선급
KOREAN REGISTER OF SHIPPING

(Lee Woon-ho)

General Manager of
Materials and Equipment Team

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.

Appendix 1

Product Description and/or Approval Condition

Certificate No : CPH04967-AE009

Date of Issue : 27th January, 2010.

Product Description ;

Type	Sensor Element	Temperature Range (°C)	Shape	Insertion Length (mm)	Extension Length (mm)
MBT 5111	NiCr-Ni Fe-CuNi	Up to 800 Up to 600	Straight/ Angle	Adjustable up to 150	
MBT 5113	NiCr-Ni Fe-CuNi	Up to 800 Up to 600	Straight	100 up to 400	50, 100
MBT 5114	Pt 100	Up to 800	Straight/ Angle	Adjustable up to 150	
MBT 5116	Pt 100	Up to 600	Straight	100 up to 300	100
MBT 5116 Slim line	Pt 100	Up to 600	Straight	80 up to 300	50

< The End >