



TYPE APPROVAL CERTIFICATE

Certificate No. : DLN34014-AE004 **Initial Approval** : 1st July, 2015
Product : Temperature Sensors
Manufacturer : Danfoss(Tianjin) Ltd.
Wuqing Development Area 9 Quanghai Road, 301700 Tianjin China

Product Description : Type : MBT 5560

- Sensing element : Pt 100 / Pt 1000
- Temperature range : -50 ~ 200 °C (with extension length)
- Output signal : 4 ~ 20 mA or Ratiometric
- Power supply : 10 to 32 V DC (24 V DC rated) or ratiometric, 4.75 to 8 V DC (5 V DC rated)
- Insertion length : 50 ~ 250 mm
- Data sheet : IC.PD.P30.F8.02
- Test reports : TR084Z0(-29,-30,-31), 4-969482, TR DIV 084Z-032
- Approved Drawings : 084R6015 ver. 01

* Applicant : Danfoss A/S
 Nordborgvej 81, DK-6430 Nordborg, Denmark

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.
3. This product shall not be installed on ships contracted for construction on or after 1 January 2022 as IACS UR E10 Rev.7 is not applied.

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.

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

This Certificate is valid until 30th June, 2025
Issued at Shanghai, China on 29th October, 2020



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 (ME20037989981) and certificate No.(DLN34014-AE004).



KOREAN REGISTER

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

*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 applicant 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.*