



TYPE APPROVAL CERTIFICATE

Certificate No. : HMB32779-AE004 **Initial Approval** : 4th April, 2005
Product : Temperature Switch
Manufacturer : Trafag spol.s r.o.
Vilemovska 2129 34701 Tachov, Czech Republic

Product Description : Type : Picotherm M, Series 474(ISP/ISPT)

" See Appendix 1 "

Approval Condition : " See Appendix 1 "

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 3rd April, 2025

Issued at Busan, Korea on 13th March, 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 (ME20008242994) and certificate No.(HMB32779-AE004).



KOREAN REGISTER

*General Manager of
Marine & Ocean Equipment Team*

- 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.

Appendix 1

Product Description and/or Approval Condition

Certificate No : HMB32779-AE004

Date of Issue : 13th March, 2020

A. Product Description

1. Product Specification

- 1) Model : ISPT : Compact thermostat(K type)
ISP : Thermostat with remote sensor and capillary(B type)
2) Type code : 474.03.aa.bbb.cc.dddd.eeee.ff
3) Technical Data

2. Approved Drawings and Documents

- 1) Documents
2) Drawings

3. Test Reports, etc.

- 1) Test reports
- Picotherm2.xls & Vibration test reports dated 2002-01-24 & 2004-01-07

B. Approval Condition

1. Application & Limitation

- 1) This approval is granted on the basis of the test reports and the approved documentation.

2. Individual Product Cert. and Drawing Approval Requirement

- 1) Individual Product Certification is not required.

3. Marking

- 1) The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.

4. Others

- 1) Test condition

Table with 3 columns: Test, Condition, Remark. Rows include EMC, Temperature, Vibration, and Degree of protection.

*1 : Non-power equipment

< End of Certificate >