



TYPE APPROVAL CERTIFICATE

Certificate No. : MIL04934-AE017 **Initial Approval** : 20th October, 2015.
Product : Pressure Transmitter
Manufacturer : Trafag AG
Industriestrasse 11, CH-8608 Bubikon, Switzerland

Product Description : Type : ECTN 8477
" 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 19th October, 2020.
Issued at Busan, Korea on 20th October, 2015.


KOREAN REGISTER OF SHIPPING

General Manager of
Marine & Ocean 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 : MIL04934-AE017

Date of Issue : 20th October, 2015.

Product Description ;

1. Technical Data

- 1) Power supply : 24 VDC (9 ~ 30 VDC)
- 2) Signal output : 4 ~ 20 mA
- 3) Pressure ranges : 0 ~ 1 to 0 ~ 400 bar
- 4) Accuracy : ± 1.0 % F.S at + 25 °C
- 5) Media (Ambient) : - 25 °C ~ + 85 °C
- Temperature
- 6) IP Grade : IP 65

2. Mechanical Data

- 1) Sensor : Ceramic, Al₂O₃ (96 %)
- 2) Sealing : FKM 70 Sh, EPDM
- 3) Weight : Appr. 110 g
- 4) Mounting torque : 15 ~ 20 Nm
- 5) Housing / Pressure connection :
59/89 : 1.4404/1.4435 (AISI1316L), 52/82 : 1.4462 (AISI318LN),
53/83 : Titanium Grade 5

3. Documents

- 1) Approved drawings : M91744, B55024 (rev b), B55029 (rev b)
- 2) Specification : H72322a
- 3) Instructions : H73324k
- 4) Test reports : V-15014 (2015.03.19) issued by TRAFAG
EMCKP2641.1A (2015.03.13) issued by EMC-Testcenter AG

Approval Condition ;

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

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