



TYPE APPROVAL CERTIFICATE

형 식 승 인 증 서

Certificate No. : CPH04967-AE006 **Initial Approval** : 27th April, 1998.
Product : Pressure Transmitter
Manufacturer : Danfoss A/S
 DK-6430 Nordborg, Denmark

Product Description : Type : MBS 3100/3150/2100/2150/3300/3350

" See Appendix 1 "

- Approval Condition** :
1. This approval is granted on the basis of the test report no. TR 060G, 2008-9027 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 26th January, 2015.
 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.

Product Description and/or Approval Condition

Certificate No : CPH04967-AE006

Date of Issue : 27th January, 2010.

Product Description :

1. MBS 3100, MBS 3150

- Output Signal : 4 to 20 mA
- Supply Voltage : 9 to 32 V DC
- Accuracy : 0.5 % FS (typ.)
- Medium Temperature : -40 - +85°C
- Measuring Range : -1 - 1.5 bar to 0 - 600 bar
- Enclosure and wetted parts of AISI 316L

2. MBS 3300, MBS 3350

- Output Signal : 4 to 20mA / 0-5, 1-5, 1-6Vdc / 0-10Vdc
- Supply Voltage : 9 to 34Vdc / 10 to 30Vdc / 15 to 30Vdc
- Accuracy : 0.5 % FS (typ.)
- Medium Temperature : -40 - +125°C
- Measuring Range : -1 - 1.5 bar to 0 - 600 bar
- Enclosure and wetted parts of AISI 316L

3. MBS 2100, MBS 2150

- Output Signal : 10-90% of supply
- Supply Voltage : 4.75 to 8Vdc
- Accuracy : 0.5 % FS (typ.)
- Medium Temperature : -40 - +125°C
- Measuring Range : -1 - 1.5 bar to 0 - 600 bar
- Enclosure and wetted parts of AISI 316L

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