



## TYPE APPROVAL CERTIFICATE

No.

ELE006715XG/001

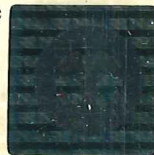
This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	<b>Pressure transmitters</b>
<i>Type</i>	<b>MBS 5100; MBS 5150</b>
<i>Applicant</i>	<b>DANFOSS A/S Nordborgvej 81 DK-6430 Nordborg (office E14-S1) DENMARK</b>
<i>Manufacturer</i>	<b>DANFOSS A/S</b>
<i>Place of manufacture</i>	<b>Nordborgvej 81 DK-6430 Nordborg (office E14-S1) DENMARK</b>
<i>Reference standards</i>	<b>Rules for the Classification of Ships - Part C - Machinery, Systems and fire protection - Ch.3, Sect.6, Tab.1.</b>

Issued in **HAMBURG** on **January 12, 2015**. This Certificate is valid until **January 11, 2020**

RINA Services S.p.A.  
**Giuseppe Russo**

This certificate consists of this page and 1 enclosure



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MBS 5100

MBS 5150

Two- wire pressure transducer series MBS 5100 / MBS 5150

**Description**

Operating temperature: up to 85°C  
Measuring range: from 0 to 1 up to 0 to 600 bar  
Output signal : 4- 20 mA  
Power supply: 10 to 32 Vdc  
Accuracy: (incl. non linearity, hysteresis and repeatability):  $\pm 0.1\%$  FS (typ.); 0.3% (max)  
Non linearity: (Best fit straight line):  $\pm 0.2\%$  FS  
Hysteresis and repeatability:  $\pm 0.1\%$  FS

**Reference Documents:**

Danfoss Instruction: 061R9302

Danfoss data sheet: IC.PD.P20.T5.02 / 520B6089 dated 2014-02.

This certificate annuls and replaces the previous one n° ELE030010CS/008.

HAMBURG January 12, 2015



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