



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **94 648 - 94 HH**

Company **Danfoss A/S
Nordborgvej 81
6430 Nordborg, DENMARK**

Product Description **Pressure Transmitter**

Type **MBS 5100 - Series
MBS 5150 - Series**

Environmental Category **D, EMC1**

Technical Data /
Range of Application **Pressure range: between 0 - 1 bar and 0 - 600 bar
Pressure reference: relative or absolute
Power Supply: 24V DC
Output Signal: 4-20 mA
Accuracy: < 2% FS
Electrical connection: plug (EN 175301-803), Pg 9 / 11 / 13.5
Degree of Protection: IP 65
Type MBS 5150 with pulse-snubber**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **Test reports: 4-23160 appendix 1-12; 20000369E, No. 2000708, No 2001182
Technical report: 2006-9017 dated 2006-06-15
Data sheet: IC.PD.P20.T2.02-520B2285
Drawing: No. 060N9000 ver. 01; Circuit Diagrams: 060C0345, -323, -338**

Remarks **None**

Valid until **2016-10-27**

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File No. **I.D.01**

Hamburg, 2011-10-28

Type Approval Symbol



Germanischer Lloyd

Burkhard Lilienthal

Dariusz Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".