



TYPE APPROVAL CERTIFICATE
No. ELE064120XP/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>	Temperature sensors for exhaust gas temperature measurement
<i>Type</i>	MBT 5111 MBT 5113 MBT 5114 MBT 5116 MBT 5116 slim-line
<i>Applicant</i>	DANFOSS A/S Nordborgvej 81 DK-6430 Nordborg (office E14-S1) DENMARK
<i>Manufacturer</i>	DANFOSS A/S
<i>Place of manufacture</i>	Nordborgvej 81 DK-6430 Nordborg (office E14-S1) DENMARK
<i>Reference standards</i>	Rules for the Classification of Ships - Part C - Machinery, Systems and fire protection - Ch.3, Sect.6, Tab.1.

Issued in **Gdansk** on **October 9, 2020**. *This Certificate is valid until* **October 8, 2025**



RINA Services S.p.A.
Jaroslaw Kondracki

This certificate consists of this page and 1 enclosure



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MBT 5111

MBT 5113

MBT 5114

MBT 5116

MBT 5116 slim-line

Description

MBT 5111 with adjustable insertion length up to 150 using moveable compensation fitting.

MBT 5113 general use (T.C.)

MBT 5114 with fixed measuring insert PT 1000

MBT 5116 and 5116 slim-line general use PT 100/1000

Reference Documents

Technical data sheets:

IC.PD.P30.C9.02 / 520B8102 dated 2017.07,

IC.PD.P30.T3.02 / 520B7543 dated 2016.12,

IC.PD.P30.H6.02 / 520B7683 dated 2016.11,

Test report n° 117-34687-2 issue by Force Technology date 04-04-2020.

This certificate annuls and replaces the previous one n° ELE006715XG/003.

Gdansk October 9, 2020



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