



TYPE APPROVAL CERTIFICATE

No.
ELE106622XP

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>	Pressure transmitters
<i>Type</i>	EMP 2
<i>Applicant</i>	DANFOSS A/S Nordborgvej 81 DK-6430 Nordborg DENMARK
<i>Manufacturer</i>	DANFOSS (TIANJIN) LTD. - INDUSTRIAL AUTOMATION
<i>Place of manufacture</i>	BUSINESS UNIT Wuqing Development Area, 9 Quanhui Road 301700 Tianjin China
<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 **Gdańsk** on **December 29, 2022**. This Certificate is valid until **December 28, 2027**

RINA Services S.p.A.
Anna Maria Baranska



This certificate consists of this page and 1 enclosure



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EMP 2

EMP 2 two-wire pressure transmitter

Operating temperature	-10 to +70°C
Media temperature	up to 100°C
Operating pressure	-1 up to 1.5bar / 0 up to 400 bar
Power supply	12 up to 32 Vdc
Output signal	4-20mA
Mechanical protection	IP 65

Reference Documents:

Danfoss data sheet n° IC.PD.P20.E8.02 | 520B8644

Drawing n° 084R0250

Data Sheet Pressure transmitter, Type EMP2, AI175686432328en-001001, 2022.05

Test report No. 118-33184-1 issue by Force Technology dated 28-09-2018

Test report No E220976E2 Phoenix Testlab, dated 06.07.2022.

Test report No U220976E1 Phoenix Testlab, dated 29.06.2022.

This certificate replace the previous certificate ELE071320XP

Gdańsk December 29, 2022