



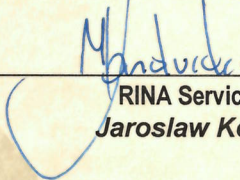
TYPE APPROVAL CERTIFICATE
No. ELE064120XP

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>	Differential pressure switches
<i>Type</i>	MBC 5180
<i>Applicant</i>	DANFOSS A/S Nordborgvej 81 DK-6430 Nordborg (office E14-S1) DENMARK
<i>Manufacturer</i>	DANFOSS POLAND SP. Z.O.O.
<i>Place of manufacture</i>	UL. CHRZANOWSKA 5 PL-05-825 GRODZISK MAZOWIECKI POLAND
<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



TYPE APPROVAL CERTIFICATE

No. ELE064120XP

Enclosure - Page 1 of 1

MBC 5180

Pressure switches Series MBC 5180

Δp setting range : 0.3 to 5 bar

Permissible operating range: max 45 bar

Operation temperature: -10 up to 85°C

Wetted part:

Housing: anodized AlMgSi1

Diaphragm: NBR

O-ring: NBR

Hole plug: Nickel plated brass

Reference Documents:

Differential pressure control type MBC 5080 and MBC 5180 : doc. n. DKACT.PD.P10.H2.02

Danfoss Data Sheet: IC.PD.P10.K5.02 dated 2018.01

Danfoss test reports:

Report n. MBC 3-59212 PEJ960925 (01)

This certificate annuls and replaces the previous one n° ELE101815XG

GDANSK October 9, 2020



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