



TYPE APPROVAL CERTIFICATE

No.

ELE013915XG/002

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 switch, Differential pressure switch and Thermostat
<i>Type</i>	Series RT-E
<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 **HAMBURG** on **February 12, 2015**. *This Certificate is valid until* **February 12, 2020**

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

This certificate consists of this page and 1 enclosure



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Series RT-E

The RT-E series consist of pressure and differential pressure switches as well as thermostat.
The units are designed for industrial refrigeration and general industrial application in explosive zones acc. to 94/EC, ATEX Directive, explosive zone 1, for surface equipment category 2.

Pressure switches Series RT

Type	Regul. range (bar)	Differential (bar)	Max working press (bar)
RT 121	-1 → 0	0.1 → 0.4	7.0
RT 113	0 → 0.3	0.01 → 0.05	0,4
RT 112	0.1 → 1.1	0.07 → 0.16	7.0
RT 112	0.1 → 1.1	0.07 fixed	7.0
RT 110	0.2 → 3	0.08 → 0.25	7.0
RT 110	0.2 → 3	0.08 fixed	7.0
RT 1	-0.8 → 5	0.5 → 1.6	22.0
RT 1	-0.8 → 5	0.5 fixed	22.0
RT 1A	-0.8 → 5	0.5 → 1.6	22.0
RT 1A	-0.8 → 5	0.5	22.0
RT 1A	-0.8 → 5	1.3 → 2.4	22.0
RT 200	0.2 → 6	0.25 → 1.2	22.0
RT 200	0.2 → 6	0.25 fixed	22.0
RT 116	1 → 10	0.3 → 1.3	22.0
RT116	1 → 10	0.3 fixed	22.0
RT 5	4 → 17	0.6 → 3.0	22.0
RT 5	4 → 17	1.2 → 4	22.0
RT 5	4 → 17	1.2 → 1.3	22.0
RT 117	10 → 30	1 → 4	42.0

Differential pressure switches Series RT

Type	Regul. range (bar)	Differential (bar)	Max working press (bar)
RT 262A	0.1 → 1.5	0.1 fixed	22.0
RT 260A	0.5 → 4	0.3 fixed	22.0

Enclosure: IP66 or IP54 (please observe the additional information in the data sheet)

Reference Documents:

Data sheet: DKRCC.PD.CB0.B9.02/520H7869

Test report:

Test report no. 307.02/NZL/NBW/2014/0 for flammability test

HAMBURG February 12, 2015



for *Rina*