



TYPE APPROVAL CERTIFICATE
No. **ELE242820XG**

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>	Gas detection sensor
<i>Type</i>	PIR 7000 Flammable Gas Detector; PIR 7200 Toxic Gas Detector
<i>Applicant</i>	Dräger Safety AG & Co. KGaA REVALSTRASSE 1 23560 LÜBECK GERMANY
<i>Manufacturer</i>	Dräger Safety AG & Co. KGaA
<i>Place of manufacture</i>	REVALSTRASSE 1 23560 LÜBECK GERMANY
<i>Reference standards</i>	Rina Rules for the classification of ships and floating offshore units at fixed locations and mobile offshore drilling units- Part C - Machinery, systems and fire protection. - Ch 3, Sect 6, Table 1. IEC 60079-29-1, IEC 60079-0, IEC 60092-540, IEC 60533

Issued in **HAMBURG** on **April 7, 2021**. This Certificate is valid until **April 6, 2026**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

TYPE APPROVAL CERTIFICATE
No. **ELE242820XG**
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PIR 7000 Flammable Gas Detector
PIR 7200 Toxic Gas Detector

Description:

Flammable Gas Detector PIR 7000 is an explosion proof point infrared gas detector for continuous monitoring of flammable gases and vapours.

Toxic Gas Detector PIR 7200 is an explosion proof point infrared gas detector for continuous monitoring of carbon dioxide.

Trade / Product Name: PIR 7000 / IDS 01x1 and IDS 01x2 (flammable hydrocarbons),
PIR 7200 / IDS 01x5 (carbon dioxide)

Technical data: Reference is made to Dräger Data Sheets for PIR 7000 and PIR 7200

Software version: 3.x

Reference documents:

- EC Certificate No. MEDB00005BR, Type Examination (Module B)
- EC Certificate of Conformity No. MEDD00000TF, Quality System (Module D)
- PTB, 2. Supplement to EC-Type Examination Certificate PTB 07 ATEX 1016
- EC-Type Examination Certificate No. DEMKO 07 ATEX 0654417X Rev.3
- 11. Supplement to the EC-Type Examination Certificate BVS 08 ATEX G 001 X
- TÜV Certificate No. Z10 14 11 53474 019

Test reports:

- EMC Testreport, TREO Test Report No. 063-20, Issue: 1, 2020-04-27

HAMBURG April 7, 2021

