



TYPE APPROVAL CERTIFICATE
No. **ELE219623XG/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>	Optical level indicators, level transmitters, level limit switches
<i>Type</i>	BNA-S ...; USE-3000; GK 03
<i>Applicant</i>	BARKSDALE GMBH Dorn - Assenheimer Str. 27 D-61203 Reichelsheim GERMANY
<i>Manufacturer</i>	BARKSDALE GMBH
<i>Place of manufacture</i>	Dorn - Assenheimer Str. 27 D-61203 Reichelsheim GERMANY
<i>Reference standards</i>	.RINA Rules for the Classification of Ships - Part C, Machinery, Systems and Fire Protection - Chapter 3, Section 6 , table 1

Issued in **HAMBURG** on **September 8, 2023**. *This Certificate is valid until* **September 7, 2028**

Giuseppe Russo

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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No. **ELE219623XG/002**

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BNA-S ...

USE-3000

GK 03

Product description:

Level Measuring and Control devices:

- Two colour, magnetic-rotor level indicators type **BNA-S...**
- Resistance level transmitter type **USE-3000**
- Level limit switch (reed relay) type **GK 03**

Reference documents:

Operating manual USE 3000

Drawings n° 923 - 1136, 923 - 1886

Remark:

Before of installation on board, hydrostatic test according to the required working operating pressure is to be carried out together with performance and electrical tests.

This certificate replaces certificate: ELE062618/002.

HAMBURG September 8, 2023

Giuseppe Russo