



**TYPE APPROVAL CERTIFICATE**  
No. ELE075712XG/002

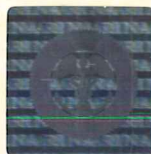
**This is to certify** that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	<b>Optical level indicators, level transmitters, level limit switches</b>
<i>Type</i>	<b>BNA-S ...; USE-3000; GK 03</b>
<i>Applicant</i>	<b>BARKSDALE GMBH Dorn - Assenheimer Str. 27 D-61203 Reichelsheim GERMANY</b>
<i>Manufacturer</i>	<b>BARKSDALE GMBH</b>
<i>Place of manufacture</i>	<b>Dorn - Assenheimer Str. 27 D-61203 Reichelsheim GERMANY</b>
<i>Reference standards</i>	<b>.RINA Rules for the Classification of Ships - Part C, Machinery, Systems and Fire Protection - Chapter 3, Section 6 , table 1</b>

Issued in **HAMBURG** on **July 19, 2012**. This Certificate is valid until **July 18, 2017**

RINA  
**Giuseppe Russo**

This certificate consists of this page and 1 enclosure



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**Enclosure - Page 1 of 1**

**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 replace the previous certificate ELE319807CS/002*

**HAMBURG July 19, 2012**

*Luigi Rina*

