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This certificate is not valid when presented without the full attached schedule
composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2025/1533 of 23 July 2025

This certificate is issued to:

Barksdale GmbH

Dorn-Assenheimer Strasse 27, D - 61203, Reichelsheim, GERMANY

for the type of product

WATER LEVEL DETECTORS

Bilge Guard UNS-VA/SB4 & UNS-VA/SB5

Requirements:

Row 4 of 4 of Regulation (EU) 2025/1533:

SOLAS 74 as amended Regulations II-1/22-1, II-1/25, XII/12

IMO Res. A.1021(26)

IMO Res. MSC.188(79)

IMO Res. MSC.302(87)

IMO MSC.1/Circ.1291 & IMO MSC.1/Circ.1572, Revision 1

IEC 60092-504:2016

IEC 60529:1989+A1:1999+A2:2013

IEC 62923-1:2018

IEC 62923-2:2018

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.


This certificate will expire on: 30 Oct 2030**For Bureau Veritas Marine & Offshore Notified Body 2690,**

At BV HAMBURG, on 30 Oct 2025,

Dirk Hoepfner

This certificate was created electronically and is valid without signature



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Bilge level switch detectors Bilge Guard: UNS-VA/SB4 & UNS-VA/SB5

Configuration options Bilge guard switch UNS-VA/[a]-[b]/[c]-[d]&/or[e]

[a] =	SB4	without test function
	SB5	with test function
[b] =	PE33	Ø23 mm PE float foamed (cylinder)
[c] * =	1	n/o ; 230 V DC/AC, 2A, 40W/VA
	2	n/c ; 230 V DC/AC, 2A, 40W/VA
[d] =	Exi	with intrinsic safety approval
[e] =	GE420	with wire break detection
	GE427	without wire break detection

Notes:

*: n/o: (normally open); n/c: (normally close);

Contact type: (NO) (marking at bottom), by turning the float upside down:
switch (NC) (marking at top)

2. DOCUMENTS AND DRAWINGS :

- Manuals & Technical data: Index D/923-1940; Index D/923-1831; Index F/ 923-1829;
- BOM: UNS-VASB4&5-PE33 20240715_BOMs
- TÜV Nord: TÜV 18 ATEX 214370 X Issue 01

3. TEST REPORTS :

- PAConsult: 25DE-00891-Rev1 dated 2025-10-15
- TÜVNORD: 25150-1-R00 dated 2025.10.10

4. APPLICATION / LIMITATION

- 4.1 - The equipment covered by this certificate cannot be used within the scope of IMO MSC.1/Circ.1291.
- 4.2 - The Manufacturer's instruction manual should be kept on board.
- 4.3 - As per Requirements of Regulations stated on the front page of this certificate.
- 4.4 - Only components specified on drawings mentioned above in item 2 may be used on board ships.
- 4.5 - The detectors are to be installed according to drawings above mentioned in item 2.
- 4.6 - IEC 62923-1, IEC 62923-2 are not applicable
- 4.7 - Ex-certification is not covered by this certificate. Applications in hazardous areas are to be approved in each case according to the Rules and Conditions for Safe Use specified in a valid Ex-Certificate issued by a Notified Body.

5. PRODUCTION SURVEY REQUIREMENTS:

- 5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.
- 5.2 - For information concerning the production phase modules, **Barksdale GmbH** has declared the following manufacturing site:

Barksdale GmbH
Dorn-Assenheimer Strasse 27
D - 61203 Reichelsheim
GERMANY

- 5.3 - The following components shall comply with the requirements of MED 2014/90/EU, as amended, and be wheelmarked:
UNS-VA/SB4-PE33[c]-[d]&/or[e]; UNS-VA/SB5-PE33[c]-[d]&/or[e]

6. MARKING OF PRODUCT:

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2

digits).

7. OTHERS:

It is **Barksdale GmbH** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

***** END OF CERTIFICATE *****