



Type Approval Certificate

[Pressure Transmitter]

Initial Approval 22 July 2026
Manufacturer Barksdale GmbH
 Dorn-Assenheimer Str. 27, D-61203 Reichelsheim, Germany
Product Description Type : BPS3000

" See Appendix 1 "

Approval Condition

" See Appendix 1 "

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows.

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification of Steel Ships

This Certificate is valid until 21 July 2031

Issued at Busan, Korea on 22 July 2026



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No(ME26032359360) and certificate No.(HMB52748-AE001).



KOREAN REGISTER

*General Manager of
Certification of Materials &
Components Team*

Note : 1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
 2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
 3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
 4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

Product Description and/or Approval Condition

Date of Issue : 22 July 2026

A. Product Description

1. Product Specification

The Barksdale BPS3000 is a electronic pressure switch that integrates a digital display, dual switch outputs, and an analog transmitter.

- 1) Specification
 - Pressure range : 0 ... 600 bar
 - Power supply : 24V DC
 - Output : 4...20 mA, 0...10V DC, Max. 2 switch points
 - Electrical connection : Plug M12
 - Degree of protection : IP65, IP67
 - Housing material : Stainless steel

2. Approved Drawings and Documents

- 1) 923-1968 Rev. M

3. Test Reports, etc.

- 1) Environmental/EMC Test Reports
 - 2818/17 dated 2017-10-26, 17078-2-R00 dated 2017-12-14, 21122-1-R00 dated 2022-01-11
- 2) IP Test Reports
 - P50-17-0445_1 dated 2017-08-01, P50-17-0671_1 dated 2017-10-20

B. Approval Condition

1. Application & Limitation

- 1) This approval is granted on the basis of the test reports and the approved documentation.
- 2) Degree of protection is to be complied with Rule Pt.6 Ch.1 Sec.2 201.2. (5).
- 3) The manufacturer is to inform this Society of all kinds of revisions of the equipment. If the changes are recognized to affect functionality of the approved equipment, type test to confirm the reliability of the revised equipment may be performed in the presence of our surveyor.

2. Individual Product Cert. and Drawing Approval Requirement

- 1) Individual Product Certification is not required.

3. Marking

- 1) The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.

4. Others

- 1) Test condition

Test	Condition	Remark
EMC	All locations including the bridge and deck zone	-
Temperature	-25 ~ +55°C	-
Degree of Protection	IP65 / IP67	-
Vibration	Acceleration $\pm 0.7g$	-

< End of Certificate >