


Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the LR Type Approval System.

This certificate is issued to:

PRODUCER	Barksdale GmbH
PLACE OF PRODUCTION	Dorn-Assenheimer Str. 27 61203 Reichelsheim Germany
DESCRIPTION	Float switch
TYPES	UNS1000-S-VA/①-②-③-④/⑤-⑥ UNS-S-VA/①-②-VA27-④/⑤-⑥ UNS90-S-VA/①-②- VA27-④/⑤-⑥ BilgeGuard-S-VA/PG- VA27/⑤-⑥ UNS2000-S-VA/①-②-③-④/⑤-⑥ UNS-S-VA/①-②-③-④/⑤-⑥ UNS90-S-VA/①-②-③-④/⑤-⑥ ①=Process connection ②=Electrical connection: K, PG, ST1, ST2, KLS1, KLS2, KX4, KX8 ③=Float type: BN30, VA44, VA52, VA27 ④=Number of switchpoints: L1, Ln (n = max.5) ⑤=Contact mode: NO, NC, WE ⑥=Option: U, Exi
APPLICATION	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.
Certificate No.	09/20015
Issue Date	12 May 2009
Expiry Date	11 May 2014
Sheet	1 of 2


Thorsten Wolff
Hamburg Design Support Centre
Lloyd's Register EMEA

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DESIGN CODE	Manufacturer's specification
OTHER CONDITIONS	Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. ETS 21093-09 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	09/20015
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