



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 Lloyd's Register Type Approval System.

Manufacturer	Barksdale GmbH
Address	Dorn-Assenheimer Str. 27, Reichelsheim, 61203, Germany
Type	Switches - Level
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) Bilge Guard-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/VX52, VA27 (4)=Number of switchpoints: L1, Ln (n = max.5) (5)=Contact mode: NO, NC, WE (6)=Option: U, Exi
Trade Name	UNS, Bilge Guard

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Thorsten Wolff

Electrical & Control - Senior Specialist to
Lloyd's Register EMEA
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Type Approval Certificate

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.	
Specified Standard	Manufacturer's specification	
Ratings	Types	Contact rating
	UNS1000-S-VA/(1)-(2)-(3)-(4)/(5)-(6)	normally open / normally closed
	UNS-S-VA/(1)-(2)-VA27-(4)/(5)-(6)	230 V AC / DC
	UNS90-S-VA/(1)-(2)-VA27-(4)/(5)-(6)	2 A
	Bilge Guard-S-VA/PG-VA27/(5)-(6)	40 VA / W
	UNS2000-S-VA/(1)-(2)-(3)-(4)/(5)-(6)	normally open / normally closed
	UNS-S-VA/(1)-(2)-(3)-(4)/(5)-(6)	250 V AC / DC
	UNS90-S-VA/(1)-(2)-(3)-(4)/(5)-(6)	3 A
		100 VA / W
		Change over contact
		140 V AC / DC
		1 A
		60 VA / W

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.

Previous Version: 09/20015 (E2)

The Design Appraisal Document TSO-24-013605/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.