



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	<p>Float switch</p> <p>TYPES</p> <p>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)</p> <p>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)</p> <p>(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</p>
Trade Name	UNS, Bilge Guard

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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.

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