

# Type Approval Certificate



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

Certificate No. 97 864 - 95 HH

Company Barksdale GmbH  
Dorn-Assenheimer Strasse 27  
61203 Reichelsheim, GERMANY

Product Description Float switches

Type UNS 2000-S-VA(-MS)/xx-, UNS 2100-Ex-S-VA/xx, UNS 1000-S-VA(-MS)/xx,  
UNS-S-VA/xxx-, UNS 90-S-VA/xx, UNS-S-/BN/xx / VA/xx, BilgeGuard UNS-S-VA/xx

Environmental Category C, D, EMC1

Technical Data / Range of Application Float switch UNS 2000(2100-Ex)-S-VA/xx-, guide tube length :  
- max. length 1500mm with protection tube or 1000mm without protection tube  
- guide tubes longer than 1500mm (1000mm) to be fixed by an additional holder(s)  
- the distance between fixing points must not exceed 2500mm (2000mm)  
Bilgen float: UNS-S-VA/SBx-VA52/x(-UAD-LSB), BilgeGuard UNS-S-VA/xx  
UNS 2000-S-MS/xx-TF: float switch with test device  
Reed contact rating n/o, n/c: 250 V AC/DC, 3.0 A, 100 VA/W  
230 V AC/DC, 2A 40 VA/W-Bilge Guard  
Reed contact rating c/o: 250 V AC/DC, 1.0 A, 60 VA/W  
Degree of protection:  
UNS 90-S-..., UNS 2000(2100-Ex)-S-..., UNS 1000-S-... : IP67  
UNS 2000-S-MS/xx-TF : IP 65  
UNS-S- : IP 54  
UNS-S-VA / SBxx : IP 67  
BilgeGuard UNS-S-VA/xx : IP 67  
UNS 1000/2000-S-...-PT100/PT1000: additionally with temperature sensor

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003

Documents Technical data according to the list: float switch UNIMESS 05 / 94  
Catalogue Niveau "Level Switches" of Barksdale, 8/99; Drawing: 923-1610  
Test report: RMS No. 8-09 / 95, PTB-Cert.: Ex-95.D.2010, BFSV No. 4923/02,  
BFSV No.: 4962/02, 4963/02, 5865/06; Pressure-Cert.: TÜV 6 of 14.09.1995

Remarks Environmental Category "D" for BilgeGuard UNS-S-VA/xx

Valid until 2013-04-09

Page 1 of 1

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Type Approval Symbol



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