

Multi Level Switches Type UNS-1000 S

Technical Data

The multi Level Switch Series UNS-1000-S is available for shipbuilding with certain limitations in order to comply with shock, vibration and environment requirements.

The approvals have listed four different versions based upon the maximum total length L0 and the different floats, these are:

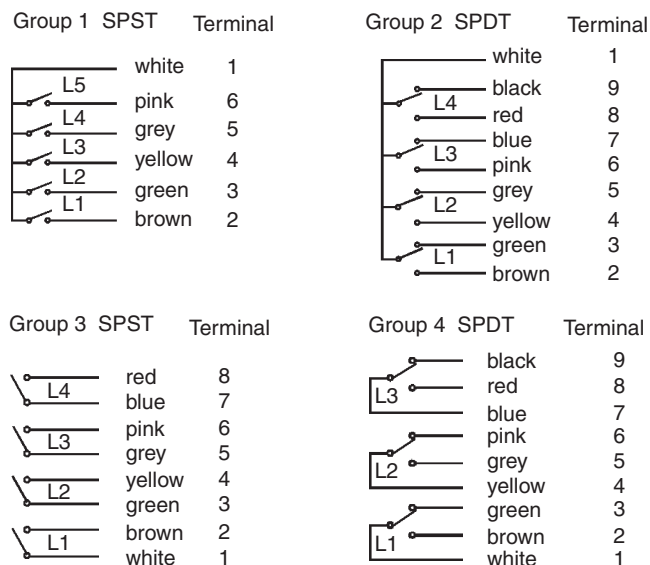
- A) Type A: L0 = max 500 mm
- B) Type B: L0 = max 500 mm
- C) Type C: L0 = max 1000 mm, all floats, with bracket(s) at max. 500 mm spacing
- D) Type D: L0 = max 1000 mm with slosh tube and brackets at max. 500 mm spacing

A wide selection of mounting elements, electrical connections and options allow you to "design" your own switch, within the given dimension limits, for your particular application.

Beside the standard SS 316 Ti / 1.4571 we can supply flanges in normal steel. Shipping and installation of switches with large flanges can be difficult and therefore a version with a 1" mounting plug to be installed on site in a flange with a 1" hole might be the answer, consult us for details.

For technical data, switch and operation limits of the UNS 1000-S series are as the standard version.

Contact Wiring and Colour Code



Specifications for Multi Level Switches Type UNS-1000-S

UNS-1000-S - VA/T2/1 - KLS1 - VA27 - L2/2.1

Contact Mode	Contact Rating
1 - SPST (NO)	230 V AC/DC, 2 A, 40 VAW
2 - SPST (NC)	230 V AC/DC, 2 A, 40 VAW
3 - SPDT	150 V AC / 100 V DC, 0,2 A, 3 VA/W

Order: L1, L2, L3, L4, L5

Total Length L0 = ... mm (max. 1000 mm)

Specify with your order: L1 = ... mm, L2 = ... mm, etc.

Number of Switchpoints

- L1 = 1 Switchpoint
- L2 = 2 Switchpoints
- L3 = 3 Switchpoints
- L4 = 4 Switchpoints
- L5 = 5 Switchpoints

Float Type	min. Density Medium	Material	Form	Diameter	max. Temp. (+20 °C)	Pressure
BN25	0,57 g/cm ³	Buna N	Cylinder	25 mm	100 °C	15 bar
VA27	0,71 g/cm ³	Stainl. St. W.Nr. 1.4571	Cylinder	27 mm	150 °C	15 bar
VA44*	0,67 g/cm ³	Stainl. St. W.Nr. 1.4571	Ball	44 mm	150 °C	15 bar

* Option

Electrical Connection

- KLS1 - Aluminum Terminal Box, 6 Terminals
- KLS2 - Aluminum Terminal Box, 9 Terminals
- KS - Cable with Shipbuilding Approvals

Mounting Element

- T1 - Tank screw (not with VA44 float)
 - FL3 - Flange DIN 2527, DN 32/PN 16
 - FL4 - Flange DIN 2527, DN 50/PN 16
- (Other flanges and mounting threads available on request)

Material of Stem and Mounting Element

- VA - Stainless Steel, W. Nr. 1.4571, 1.4408

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12 / 04 UNS US 04/1

Barksdale Level Switches

Specifications are subject to changes without notice.