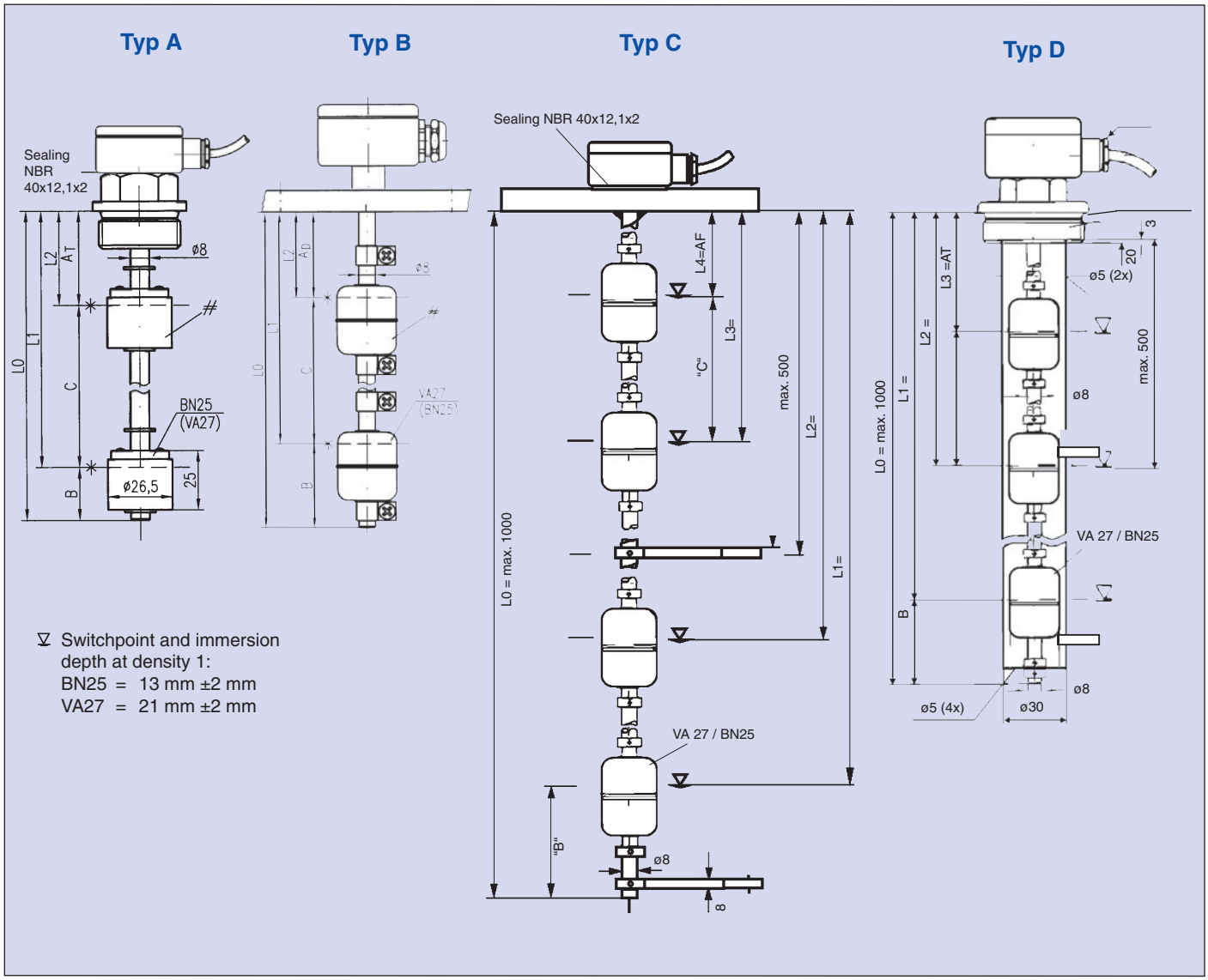
Multi Level Switches Type UNS-1000 S

Abmessungen (in mm)



Min. Distances (in mm)

Dimensions / Float type	Type A			Type B			Type C			Type D		
	A	B	C	A	B	C	A	B	C	A	B	C
VA27	42	40	65	26	40	65	26	60	65	42	60	65
BN25	37	25	45	21	25	45	21	45	45	37	45	45

12 / 04 UNS US 04/1
Barksdale Level Switches
Specifications are subject to changes without notice.

Multi Level Switches Type UNS-1000 S

Technical Data

The multi Level Switch Series UNS-1000-S is available for ship-building 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

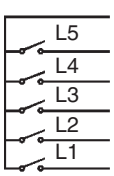
A wide selection of mounting elements, electrical connections and options allow you to “design” your own switch, within the given dimension limits, for your particular application.

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.

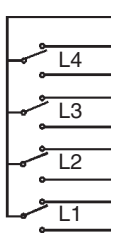
Contact Wiring and Colour Code

Group 1 SPST



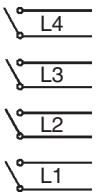
Terminal	
white	1
pink	6
grey	5
yellow	4
green	3
brown	2

Group 2 SPDT



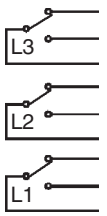
Terminal	
white	1
black	9
red	8
blue	7
pink	6
grey	5
yellow	4
green	3
brown	2

Group 3 SPST



Terminal	
red	8
blue	7
pink	6
grey	5
yellow	4
green	3
brown	2
white	1

Group 4 SPDT



Terminal	
black	9
red	8
blue	7
pink	6
grey	5
yellow	4
green	3
brown	2
white	1

Specifications for Multi Level Switches Type UNS-1000-S

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

Contact Mode / **Contact Rating** — **Order: L1, L2, L3, L4, L5**

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

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.	Pressure (+20 °C)
BN25	0,57 g/cm³	Buna N	Cylinder	25 mm	100 °C	15 bar
VA27	0,71 g/cm³	Stainl. St. W.Nr. 1.4571	Cylinder	27 mm	150 °C	15 bar
VA44*	0,67 g/cm³	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

Level Switches Type UNS-1000-S

Barksdale Level Switches

Specifications are subject to changes without notice.

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