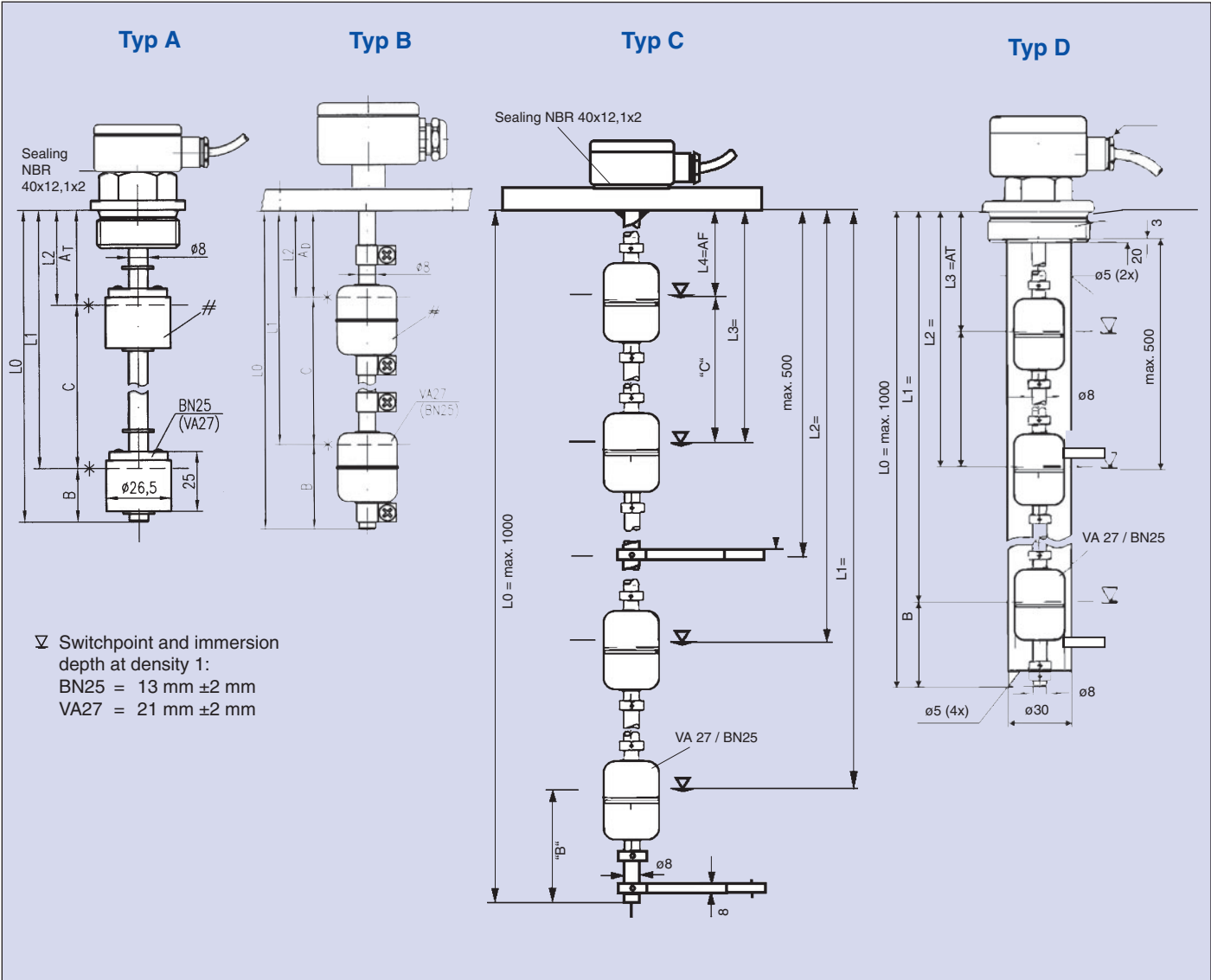


Multi Level Switches Type UNS-1000 S

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

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	Group 2 SPDT	Terminal
 L5	white 1	 L4	white 1
 L4	pink 6	 L4	black 9
 L3	grey 5	 L3	red 8
 L2	yellow 4	 L3	blue 7
 L1	green 3	 L2	pink 6
	brown 2	 L2	grey 5
		 L1	yellow 4
			green 3
			brown 2

Group 3 SPST	Terminal	Group 4 SPDT	Terminal
 L4	red 8	 L3	black 9
 L3	blue 7	 L3	red 8
 L3	pink 6	 L3	blue 7
 L2	grey 5	 L2	pink 6
 L2	yellow 4	 L2	grey 5
 L1	green 3	 L1	yellow 4
	brown 2	 L1	green 3
	white 1		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

- 1 - SPST (NO)
 2 - SPST (NC)
 3 - SPDT

Contact Rating

- 230 V AC/DC, 2 A, 40 VAW
 230 V AC/DC, 2 A, 40 VAW
 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

BN25

VA27

VA44*

* Option

min. Density

Medium

0,57 g/cm³

0,71 g/cm³

0,67 g/cm³

Material

Buna N

Stainl. St. W.Nr. 1.4571

Stainl. St. W.Nr. 1.4571

Form

Cylinder

Cylinder

Ball

Diameter

25 mm

27 mm

44 mm

max. Temp.

100 °C

150 °C

150 °C

Pressure

(+20 °C)

15 bar

15 bar

15 bar

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