

Float Chamber Design Type UNS-1000-G

Function

The Float chamber UNS-1000-G consists of a float switch type UNS 1000 with one switch point built into a float chamber made entirely of stainless steel which can be side-mounted on all tanks. This kind of installation allows easy operation control service performance without interrupting the operation of the unit if the supply piping is provided with shutoff and drain valves.

Application

This float chamber is mainly used for tanks where a subsequent installation through the top is impossible. Also mixing containers with oscillating liquid surfaces can be controlled without problems.

Technical Data

Materials	
Chamber	: Stainless Steel (W. Nr. 1.4408)
Level Switch	: Stainless Steel
Terminal Box	: Aluminum
Max. Pressure	: 15 bar (at -10 °C...+90 °C)
Max. Temperature Range	: -40 °C...+150 °C (on request)
Min. Fluid Specific Gravity	: 0,71 g/cm ³
Mounting Position	: Side mounted at tank, vertically, ±30°
Protection Class	: IP65
Electrical Connection	: KL-terminal box
Contact Mode	: 1 - SPST-switch (NO) 2 - SPST-switch (NC) 3 - SPDT-switch
Contact Rating NO / NC	: 230 V AC / DC, 2 A, 40 VA / W
SPDT	: 150 V AC / 100 V DC, 0,2 A, 3 VA / W
Weight	: appr. 800 g
Zulassung	: ATEX on request

By turning the float upside down the function of the switch contact can be changed from NO (standard) in NC or vice versa.

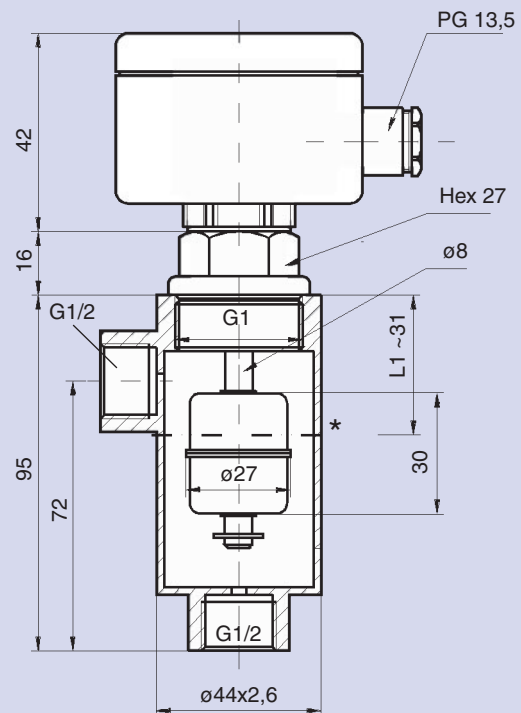
Installation Instructions

For maintenance purpose the installation should be in the way that the terminal box or the PG coupling are always on the top.

Order Numbers

Type	Contact Mode	Order Number
UNS-1000-G-VA27/1	NO	0112-461
UNS-1000-G-VA27/2	NC	0112-462
UNS-1000-G-VA27/3	SPDT	0112-463

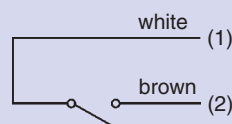
Dimensions (in mm)



* Switchpoint and immersion depth at density 1 = 21 mm ±2 mm

Colour Code

NO (NC)



SPDT

