

Level Switch 1/8" NPT Stainless Steel

UNS-VA1/8NPT-VA27

Formerly BLS 1750 Series

Features

- ▶ Compact size for easy installation
- ▶ Ideal for small tanks & vessels
- ▶ Reversible switch logic
- ▶ Broad media compatibility
- ▶ All models incorporate hermetically-sealed, magnetically actuated reed switches

Applications

- ▶ Sump tanks
- ▶ Hydraulic power units
- ▶ Storage tanks
- ▶ Solvent recovery systems
- ▶ Lube oil console systems
- ▶ Marine applications



Level switch made of stainless steel and 1/8" NPT mounting thread

General Specifications*

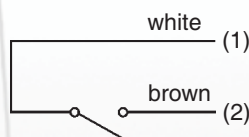
Switch Rating: SPST:	230 VAC/DC; 2A; 40 VA/W
SPDT:	150 VAC/100 VDC; 0.2A, 3VA/W
Switch Configuration:	Shipped as normally open as standard. Can be changed to normally closed by rotating float 180°.
Contact Mode*:	1 - SPST-switch (NO) 2 - SPST-switch (NC) 3 - SPDT-switch
Wetted Parts: Stem:	316 stainless steel (VA)
Float:	316 stainless steel (VA)
Mounting:	1/8" NPT male
Electrical Connection:	PVC cable max 3 x 0.34mm ² 1m/3m/5m length

* The contact modes (NO or NC) are defined on the basis of an empty tank and for a level switch mounted through the top.

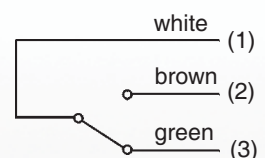
Minimum Specific Gravity: Stainless Steel Float:	0.71 g/cm ³
Protection Class:	IP54
Approvals: UL/CSA:	Pending
Operating Temperature:	14° to +220°F (-10° to +105°C), PVC-cable
Option/ High Temp:	-40° to +302°F (-40° to +150°C), silicone cable (-HT), cable consult factory
Operating Pressure: Stainless Steel Floats:	220 psig (15 bar)
Weight:	Approx. 90 grams (3.2 oz.)

Wiring Color / Code

NO (NC)

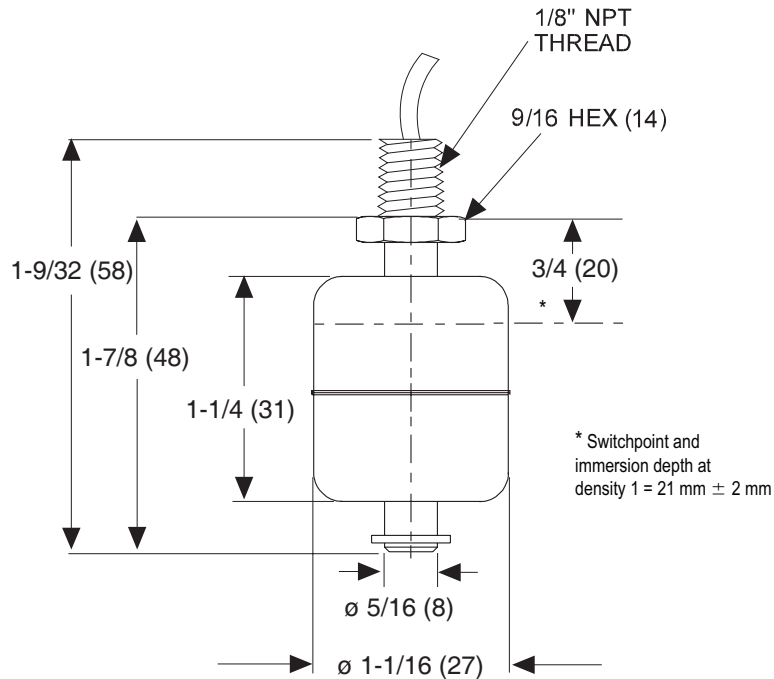


SPDT



Technical Drawing

Dimensions in inch (mm)



Order Number Key / Options

* Highlighted options represent those most frequently used. Select these common options for improved availability. (5/21)

Description	Contact Mode	Cable Type/Length	Ordering Number
UNS-VA1/8NPT-K1-VA27/1(2)	NO (NC) ¹	PVC / 1 m	0111-577
UNS-VA1/8NPT-K3-VA27/1(2)	NO (NC) ¹	PVC / 3 m	0111-578
UNS-VA1/8NPT-K5-VA27/1(2)	NO (NC) ¹	PVC / 5 m	0111-579
UNS-VA1/8NPT-K1-VA27/3	SPDT	PVC / 1 m	0111-580
UNS-VA1/8NPT-K3-VA27/3	SPDT	PVC / 3 m	0111-581
UNS-VA1/8NPT-K5-VA27/3	SPDT	PVC / 5 m	0111-582

Note:

1. Shipped as NO (standard). Rotate float by 180° for NC.