

Level Switch 1/4 NPT Stainless Steel

UNS-VA 1/4 NPT-K1-VA52

Formerly BLS 1950 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



Level switch made of stainless steel with 1/4" NPT mounting thread

General Specifications*

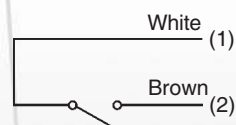
Switch Rating: SPST:	250 V AC/DC; 3.0 A / 100 VA/W
SPDT:	140 V AC/DC / 1.0 A / 60 VA/W
Switch Configuration:	Shipped as normally open as standard. Can be changed to normally closed by rotating float 180°
Contact Mode*:	1 - SPST-switch (NO) 2 - SPST-switch (NC) 3 - SPDT-switch
Wetted Parts: Stem:	316 stainless steel (VA)
Float:	316 stainless steel (VA)
Mounting:	1/4" 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.

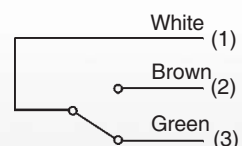
Minimum Specific Gravity: Stainless Steel Float:	0.78
Protection Class:	IP54
Approvals: UL/CSA:	Pending
Operating Temperature:	14° to +220°F (-10° to +105°C), PVC-cable
Option/ High Temp:	-40° to +302°F (-40° to +150°C), silicone cable (-HT), cable consult factory
Operating Pressure: Stainless Steel Float:	580 psig (40 bar)
Weight:	Approx. 150 grams (5.3 oz.)

Wiring Color / Code

NO (NC)

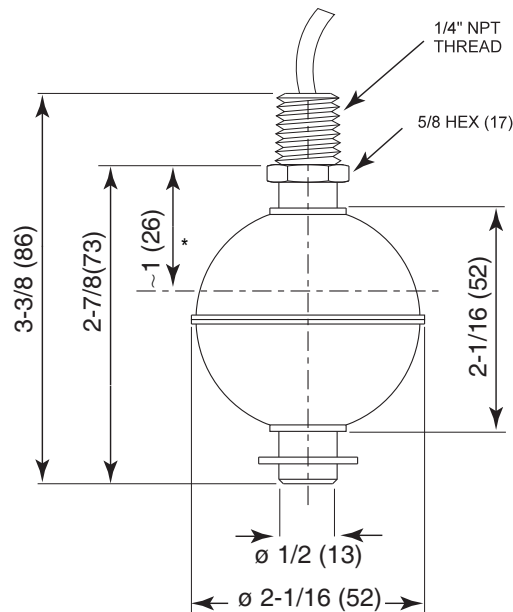


SPDT



Technical Drawing

Dimensions in inch (mm)



* Switchpoint and immersion depth at density 1 = 36 mm ± 2 mm

Order Number Key / Options

Description	Contact Mode	Cable Type / Length	Order Number
UNS-VA1/4NPT-K1-VA52/1(2)	NO (NC) ^{1,2}	PVC / 1 m	0111-589
UNS-VA1/4NPT-K3-VA52/1(2)	NO (NC) ^{1,2}	PVC / 3 m	0111-590
UNS-VA1/4NPT-K5-VA52/1(2)	NO (NC) ^{1,2}	PVC / 5 m	0111-591
UNS-VA1/4NPT-K1-VA52/3	SPDT	PVC / 1 m	0111-592
UNS-VA1/4NPT-K3-VA52/3	SPDT	PVC / 3 m	0111-593
UNS-VA1/4NPT-K5-VA52/3	SPDT	PVC / 5 m	0111-594

Note:

1. Shipped as NO (standard). Rotate float by 180° for NC.
2. If NC is requested, then add suffix "-NC" to ordering number (i.e. 0111-589-NC).