

# Level Switch 1/8"NPT Brass or Stainless Steel *UNS-MS or VA 1/8NPT-BN25*

*Formerly Series BLS 1700*

## 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 brass or stainless steel with BUNA float and 1/8" NPT mounting thread

## General Specifications\*

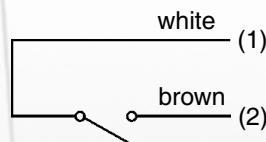
<b>Switch Rating:</b> SPST:	NO/NC: 230 VAC/DC-2A; 40 VA/W
SPDT:	150 VAC/100 VDC; 0.2A, 3VA/W
<b>Switch Configuration:</b>	Shipped as Normally Open as standard. Can be changed to Normally Closed by rotating float 180°.
<b>Contact Mode*:</b>	1 - SPST-switch (NO) 2 - SPST-switch (NC) 3 - SPDT-switch
<b>Wetted Parts:</b> Stem:	Brass (MS) or stainless steel (VA)
Float:	NBR foam (BUNA)
Mounting:	1/8" NPT male
<b>Electrical Connection:</b>	PVC cable max 3 x 0.34mm <sup>2</sup> 1m/3m/5m in 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.

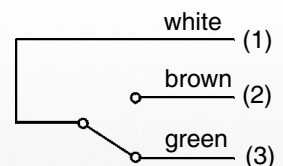
<b>Minimum Specific Gravity:</b> NBR Foam (BUNA) float:	0.57 g/cm <sup>3</sup>
<b>Protection Class:</b>	IP54
<b>Approvals:</b> UL/CSA:	Pending
<b>Operating Temperature:</b>	-4° to +220°F (-20° to +100°C) - oil -4° to +180°F (-20° to +80°C) - water
<b>Operating Pressure:</b> NBR Foame Float (BUNA):	220 psig (15 bar)
<b>Weight:</b>	Approx. 40 grams (1.4 oz.)

## Wiring Color / Code

### NO (NC)



### SPDT

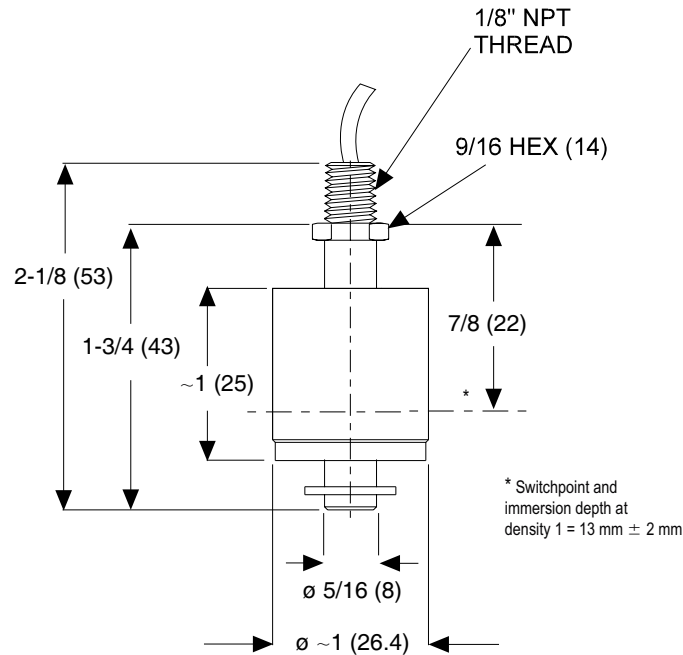


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## Technical Drawing

Dimensions in inch (mm)



## Order Number Key / Options

Description	Contact Mode	Cable Type/Length	Ordering Number
UNS-MS1/8NPT-K1-BN25/1(2)	NO (NC) <sup>1</sup>	PVC / 1 m	0111-571
UNS-MS1/8NPT-K3-BN25/1(2)	NO (NC) <sup>1</sup>	PVC / 3 m	0111-572
UNS-MS1/8NPT-K5-BN25/1(2)	NO (NC) <sup>1</sup>	PVC / 5 m	0111-573
UNS-MS1/8NPT-K1-BN25/3	SPDT	PVC / 1 m	0111-574
UNS-MS1/8NPT-K3-BN25/3	SPDT	PVC / 3 m	0111-575
UNS-MS1/8NPT-K5-BN25/3	SPDT	PVC / 5 m	0111-576
UNS-VA1/8NPT-K1-BN25/4(2)	NO (NC) <sup>1</sup>	PVC / 1 m	0111-607
UNS-VA1/8NPT-K3-BN25/1(2)	NO (NC) <sup>1</sup>	PVC / 3 m	0111-608
UNS-VA1/8NPT-K5-BN25/1(2)	NO (NC) <sup>1</sup>	PVC / 5 m	0111-609
UNS-VA1/8NPT-K1-BN25/3	SPDT	PVC / 1 m	0111-610
UNS-VA1/8NPT-K3-BN25/3	SPDT	PVC / 3 m	0111-611
UNS-VA1/8NPT-K5-BN25/3	SPDT	PVC / 5 m	0111-612

Note:

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