

Single Point Level Switch

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

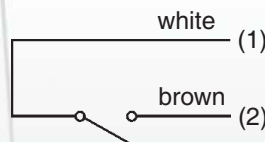
Switch Rating: SPST:	NO/NC: 230 VAC/DC-2A; 40 VA/W
SPDT:	150 VAC/100 VDC; 0.2A, 3VA/W
Switch Configuration:	Shipped as Normally Open as standard. Can be changed to Normally Closed by rotating float 180°.
Contact Mode*:	1 - SPST-switch (NO) 2 - SPST-switch (NC) 3 - SPDT-switch
Wetted Parts: Stem:	Brass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

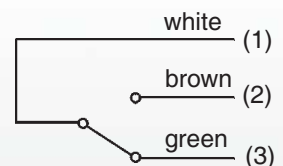
Minimum Specific Gravity: NBR Foamed floats::	0.57 g/cm ³
Protection Class:	IP54
Approvals: UL/CSA:	Pending
Operating Temperature:	-4° to +220°F (-20° to +100°C) - oil -4° to +180°F (-20° to +80°C) - water
Operating Pressure: NBR Foamed Floats:	220 psig (15 bar)
Weight:	Approx. 40 grams (1.4 oz.)

Wiring Color / Code

NO (NC)



SPDT



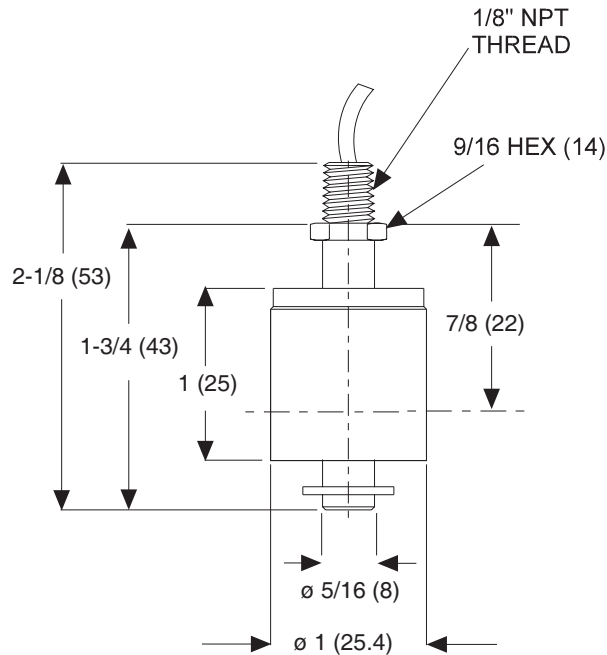
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Technical Drawing

Dimensions in inch (mm)



Order Number Key / Options

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