

# Level Switch 1/4 NPT Brass

**UNS-MS 1/4 NPT-BN30**

*Formerly Series BLS 1900*

## 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 with 1/4" NPT mounting thread

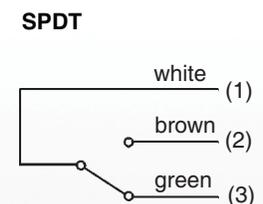
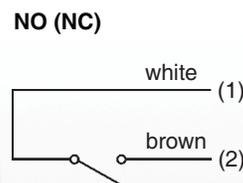
## General Specifications\*

<b>Switch Rating:</b> SPST:	250 VAC/DC, 3A. / 100 VA/W
SPDT:	140 VAC/DC, 1A. 60 VA/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)
Float:	NBR foam (BUNA)
Mounting:	1/4" NPT male
<b>Electrical Connection:</b>	PVC-cable - max 3 x 0.34mm <sup>2</sup> 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.

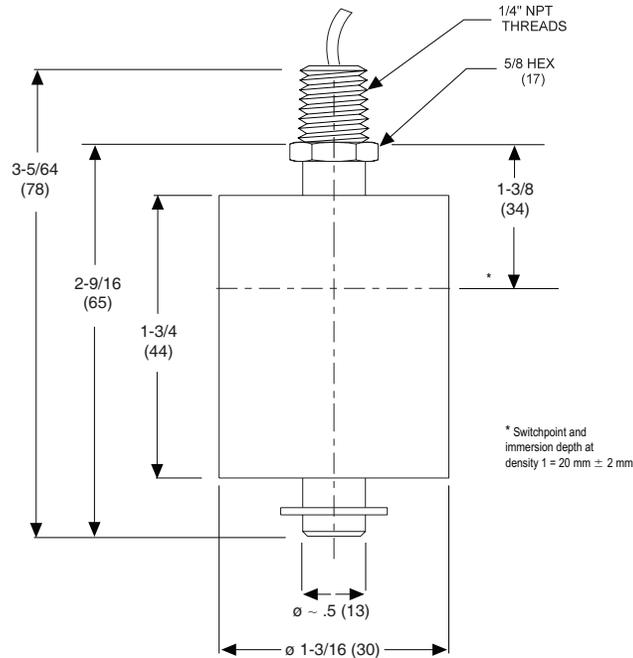
<b>Minimum Specific Gravity:</b> NBR Foam Float:	0.60 g/cm <sup>3</sup>
<b>Protection Class:</b>	IP54
<b>Approvals:</b> UL/CSA:	Pending
<b>Operating Temperature:</b>	-4° to +220°F (-20° to +100°C) - oil -4° to +180°F (-20° to +80°C) - water
<b>Operating Pressure:</b> NBR Foam (BUNA):	220 psig (15 bar)
<b>Weight:</b>	Approx. 150 grams (5.3 oz.)

## Wiring Color / Code



## 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-MS1/4NPT-K1-BN30/1(2)	NO (NC) <sup>1</sup>	PVC / 1 m	0111-583
UNS-MS1/4NPT-K3-BN30/1(2)	NO (NC) <sup>1</sup>	PVC / 3 m	0111-584
UNS-MS1/4NPT-K5-BN30/1(2)	NO (NC) <sup>1</sup>	PVC / 5 m	0111-585
UNS-MS1/4NPT-K1-BN30/3	SPDT	PVC / 1 m	0111-586
UNS-MS1/4NPT-K3-BN30/3	SPDT	PVC / 3 m	0111-587
UNS-MS1/4NPT-K5-BN30/3	SPDT	PVC / 5 m	0111-588

Note:

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