

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*

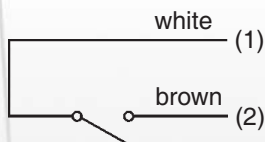
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|--------------------------------|---|
| Switch Rating: SPST: | NO/NC: 230 VAC/DC-2A; 40 VA/W |
| SPDT: | 150 VAC/100 VDC; 0.2A, 3VA/W |
| Switch Configuration: | Shipped as Normally Open as standard. Can be changed to Normally Closed by rotating float 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 foam (BUNA) |
| Mounting: | 1/8" NPT male |
| Electrical Connection: | PVC cable max 3 x 0.34mm ² 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.

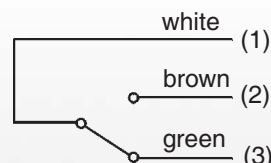
| | |
|--|---|
| Minimum Specific Gravity: NBR Foam (BUNA) float: | 0.57 g/cm ³ |
| Protection Class: | IP54 |
| Approvals: UL/CSA: | Pending |
| Operating Temperature: | -4° to +220°F (-20° to +100°C) - oil -4° to +180°F (-20° to +80°C) - water |
| Operating Pressure: NBR Foame Float (BUNA): | 220 psig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

Wiring Color / Code

NO (NC)



SPDT



Barksdale

CONTROL PRODUCTS

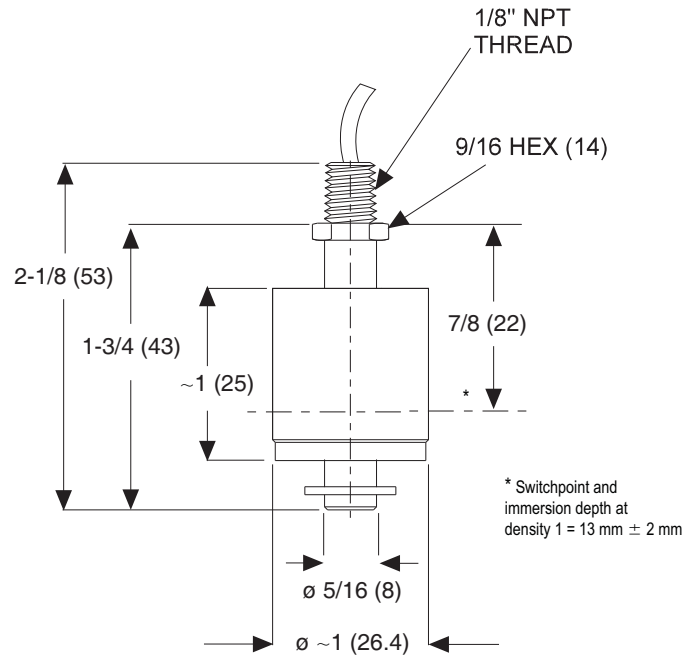
CRANE Barksdale, Inc./Barksdale GmbH
A Subsidiary of Crane Co.

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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) ¹ | PVC / 1 m | 0111-571 |
| UNS-MS1/8NPT-K3-BN25/1(2) | NO (NC) ¹ | PVC / 3 m | 0111-572 |
| UNS-MS1/8NPT-K5-BN25/1(2) | NO (NC) ¹ | 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) ^{1,2} | PVC / 1 m | 0111-607 |
| UNS-VA1/8NPT-K3-BN25/1(2) | NO (NC) ^{1,2} | PVC / 3 m | 0111-608 |
| UNS-VA1/8NPT-K5-BN25/1(2) | NO (NC) ^{1,2} | 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.
2. If NC is required, then add suffix-"NC" to ordering number (i.e. 0111-571-NC).