

Dual Level/Temperature Switch *UNS-MS1/4NPT-BN30/1(2)-TPXX/2*

Formerly Series BLS-810

Features

- ▶ Temperature & level sensing in a single unit
- ▶ Compact size for easy installation
- ▶ Ideal for small tanks & vessels
- ▶ Broad media compatibility
- ▶ Ideal to use in oils and water

Applications

- ▶ Sump tanks
- ▶ Hydraulic power units
- ▶ Storage tanks
- ▶ Solvent recovery systems
- ▶ Lube oil console systems
- ▶ Marine applications
- ▶ Food & beverage applications



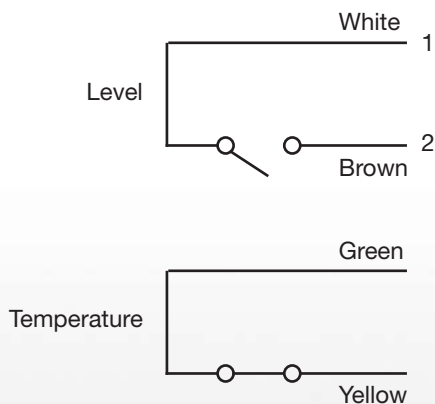
General Specifications*

Switch Rating: SPST (Reed Switch):	0.7A, 42 VAC
Temperature:	12 to 24 VDC, max 3 amps
Switch Configuration:	Shipped Normally Open as standard.
Contact Mode:	1-SPST- switch (NO)
Temperature:	2- NC position only; only available in temperatures of 122°, 140°, 158°, 176° and 194°F (50°, 60°, 70°, 80° and 90°C)
Wetted Parts:	
Stem:	Brass (MS)
Float:	NBR Foam (BUNA)
Mounting:	1/4" NPT Male
Electrical Connection:	PVC- cable 39.3" length
Specific Gravity:	
NBR Foam Float:	0.60

Operating Temperature:	-4° to +212°F (-20° to + 100°C)- oil -4° to +176°F (-20° to + 80°C)- water
Operating Pressure: NBR Foam: (BUNA)	220 psig (15 bar)
Weight:	Approx. 150 grams (5.3 oz.)

* See product configurator for additional options.

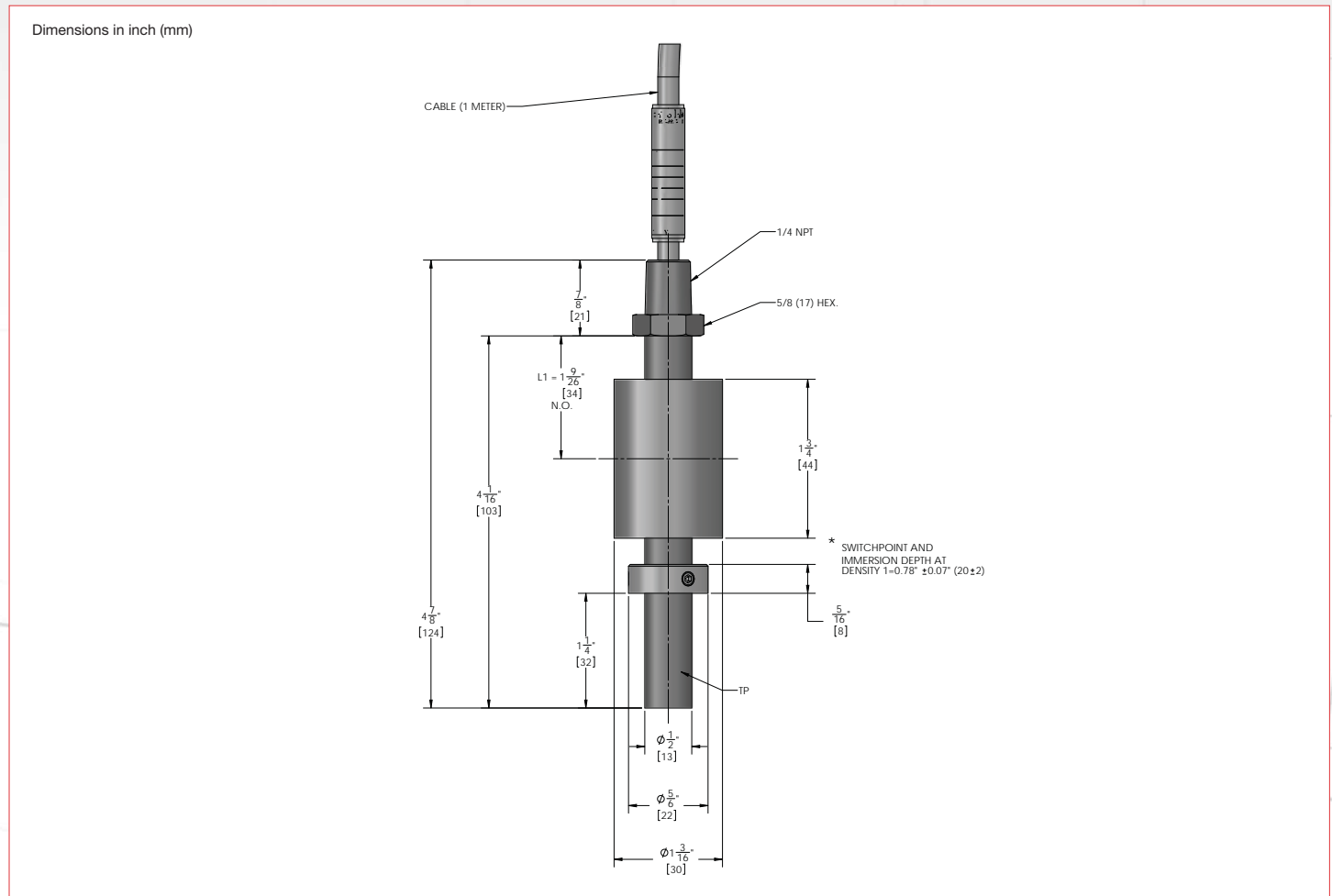
Wiring Color/Code



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Technical Drawing



Order Number Key / Options

DESCRIPTION:	CONTACT MODE: ¹ (Limit switch)	TEMPERATURE MODE:	ORDERING NUMBER:
UNS-MS 1/4 NPT-K1-BN30/ 1(2)- TP50/2	NO ¹	NC only	0111-615
UNS-MS 1/4 NPT-K1-BN30/ 1(2)- TP60/2	NO ¹	NC only	0111-641
UNS-MS 1/4 NPT-K1-BN30/ 1(2)- TP70/2	NO ¹	NC only	0111-616
UNS-MS 1/4 NPT-K1-BN30/ 1(2)- TP80/2	NO ¹	NC only	0111-642
UNS-MS 1/4 NPT-K1-BN30/ 1(2)- TP90/2	NO ¹	NC only	0111-617

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