

L10

Vertical Brass Buna Temperature-Level Switch

OVERVIEW

The Whitman Controls L10 Series Vertical Mount Brass Buna Temperature-Level Switches are highly versatile, providing the end-user the ability to control both temperature and liquid level within an application. These switches can be used to set off high/low temperature alarms along with a number of other functions. The buna float can be used in numerous liquids and can survive up to 230°F in oil. The internal thermostats are available from 100°F to 225°F in 25°F increments, with special temperatures available for O.E.M. customers. There are numerous wiring combinations and other options available to afford the end-user extreme functionality.

KEY FEATURES

- Highly versatile with temperature and liquid level control
- Red Seal potting submersible to a NEMA 6 rating
- Extensive operating temperature range
- SPST availability

SPECIFICATIONS

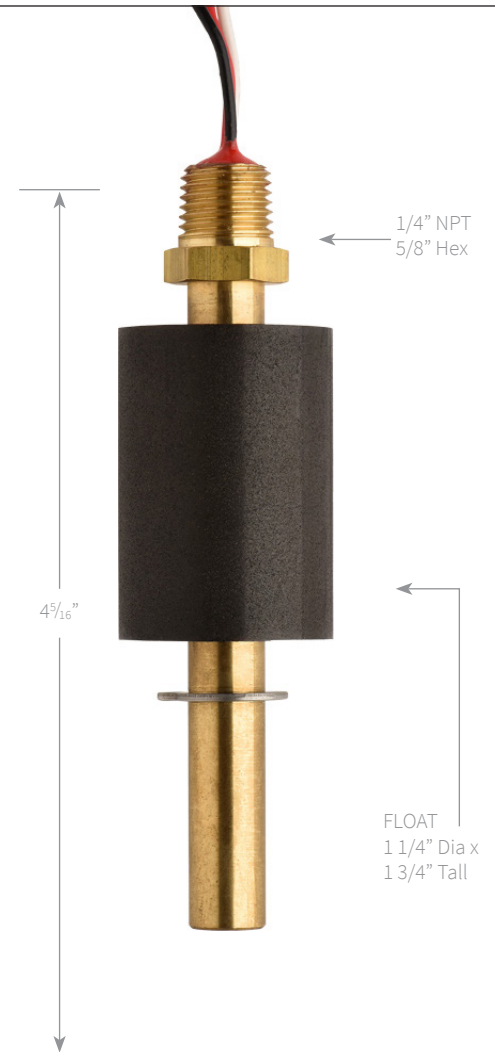
- **Minimum Liquid Specific Gravity:** 0.75
- **Liquid Temperature range:** -40°F to +180°F (-40°F to +230°F in oil)
- **Temperature Settings:** +100°F to +225°F in 25°F increments
- **Repeatability:** +/- 5°F
- **Max System Pressure:** 160 PSIG
- **Electrical Switch Rating:** 50 VA
- **Weight:** 5.0 oz (approx.)
- **Wetted Materials:** Brass stem, buna float

PERFORMANCE CHARACTERISTICS

	L10 Series
Fitting	1/4" NPT, 5/8" Hex
Wetted Materials	Brass, Buna, 316 SS
Electrical Ratings:	
Level Switch:	50 Volt Amps, 1/4 A at 150 VAC
Temp Switch:	8 Amps at 12 VDC, 2.6 Amps at 120 VAC
Temperature Range	-40°F to +180°F
Minimum Liquid Specific Gravity	0.75
Crush Pressure	160 PSIG
Lead Wires	20 AWG 24" PVC

*Response time is approximately 1°F/second and may vary by media and conditions

CAUTION: Customer Media and environment must be compatible with construction materials as outlined above



PART NUMBER CONSTRUCTION:

LXX - 06 - C3 - 15 - NX - XX

O = Level N/O B = Temp N/O
C = Level N/C C = Temp N/C

- | | |
|-------------------------------|-------------|
| 11 = 4 Wire Temp N/O | 2 = 100° F |
| 12 = 4 Wire Temp N/C | 3 = 125° F |
| 13 = 3 Wire Temp N/O | 4 = 150° F |
| 14 = 3 Wire Temp N/C | 5 = 175° F |
| 15 = 2 Wire Temp N/O Series | 6 = 200° F |
| 16 = 2 Wire Temp N/C Series | 7 = 225° F |
| 17 = 2 Wire Temp N/O Parallel | 8 = SPECIAL |
| 18 = 2 Wire Temp N/C Parallel | |