



L090SA

Description

The L090SA is a single- and dual-setpoint level switch designed for dirty applications where particle entrapment is a problem. Manufactured to customer specified switch points, the L090SA was originally developed for commercial dishwashers to alleviate the common problem of particle jamming in a conventional float switch movement. This device has adequate clearance between the moving arm and the mounting stem to provide a self cleaning action on each actuation. It is available in brass and stainless steel versions with a wide variety of mounting sizes and styles.

Principle of Operation

One or two hermetically sealed reed switches located inside the stem are actuated by a magnet inside the float as it comes into proximity with the switch.

Key Features

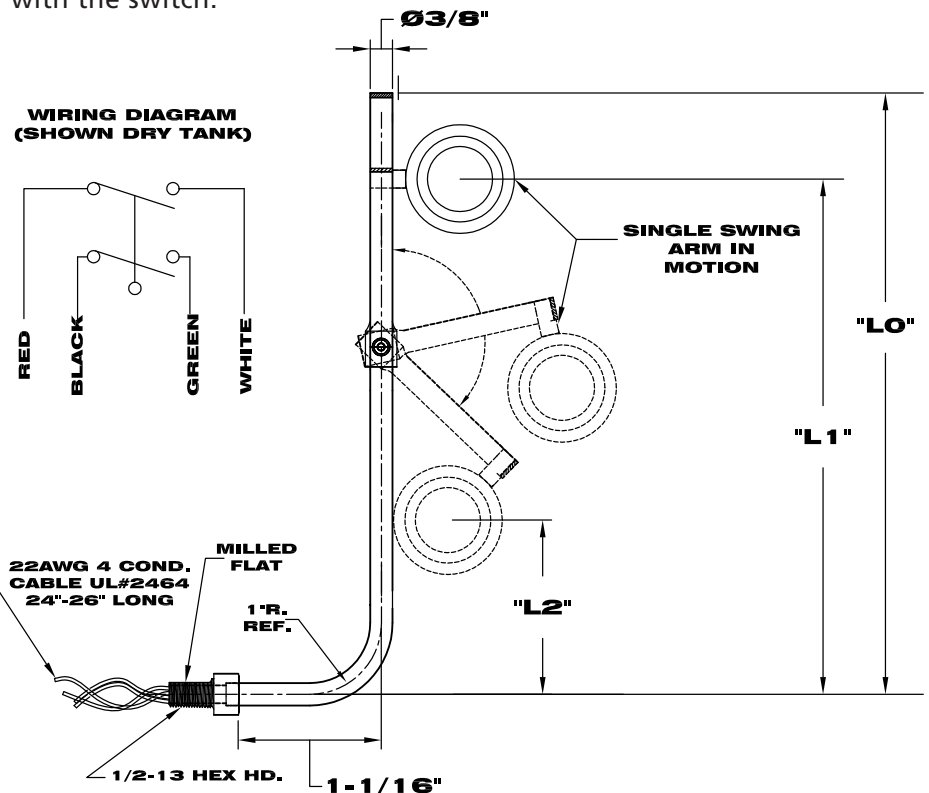
- Single float
- Single- and dual-setpoints
- Self cleaning movement
- Side mounted
- SPST and SPDT switch types

Applications

- Commercial Dishwashers
- Food & Beverage
- Commercial Carpet Cleaning Systems
- HVAC
- Medical Equipment
- Heater Protection

Environmental

- Process Temperature:
-40° to +225° F (-40° to +107° C)
- Process Pressure:
120 psig (8 bar) maximum



Electrical

- Output: SPST 20, 50 & 100 VA SPDT 3 & 100 VA



Bulletin: IS-141.0
Effective: December 2009