



L312C

Key Features

- Externally mounted
- Single set point
- Optimum float clearance
- Selectable NO/NC operation
- Requires minimal space
- SPST or SPDT switches

Applications

- Storage Tanks
- Cooling Towers
- Sight Glass Replacement

Environmental

- Temperature:
 - Buna Float: -40 to +180° F (-40 to +82° C)
 - Stainless Float: -40 to +300° F (-40 to +148° C)
- Pressure:
 - Buna float: 150 psig (10 bar)
 - Stainless steel float: 600 psig (41 bar)

Electrical

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

Description

The L312 is a compact, single level switch contained in an all metal remote chamber and designed for installations where internal mounting inside the tank is impractical or impossible. The unit is mounted on the outside of the tank at the desired level of actuation and can be supported by the pipe connections. The switch and float mechanism is removable from the chamber without removing the entire unit from the tank. The aluminum housing comes with a brass mounting and a choice of Buna or stainless steel floats.

Principle of Operation

A hermetically sealed reed switch is actuated by a magnet inside the float. As the float rises and falls, the magnetic field passing the switch within the stem causes the switch to either close or open.

