



L195

DESCRIPTION

The L195 Spherical Float Switch features a robust 2" diameter stainless steel ball float for exceptional performance and durability in high temperature/high pressure applications. Capable of withstanding pressures up to 750 PSIG and temperatures up to 300° F, the switch's all stainless steel construction also complies with FDA food contact regulations. Several optional and custom configurations are available.

PRINCIPLE OF OPERATION

A hermetically-sealed reed switch is actuated by an internal magnet within the float. As the float rises and falls with the liquid level, the magnetic field passes the switch encapsulated within the stem and causes the contact to either open or close.

KEY FEATURES

- High-Temperature & High-Pressure Performance
- Interchangeable Normally-Open or Normally Closed Operation by Inverting the Float
- Excellent in Water, Oils & Corrosive Media
- 50 VA SPST Switch (Standard)

ENVIRONMENTAL

- Process Temperature: -40° to +300° F (-40° to +148° C)
- Process Pressure: 750 PSIG (52 bar)
- Specific Gravity: 0.79

ELECTRICAL

- Switch Ratings: SPST 50 VA (Standard)
SPST 100 VA
SPDT 3 VA

APPLICATIONS

- Food Processing Equipment
- Food Warmers
- Food Dispensing Systems
- Storage Tanks
- Fuel Dispensing Systems
- Humidity Control Equipment

