

# L195 SERIES

## STAINLESS STEEL SPHERICAL FLOAT SWITCHES IDEAL FOR HIGH TEMPERATURES & PRESSURES

### 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 results in a switch state change.

### KEY FEATURES

- Optimum High-Temperature & High-Pressure Performance
- Single-Stage Vertically-Mounted
- Interchangeable NO or NC Operation By Float Inversion
- Excellent in Water, Oils & Corrosive Media
- SPST 50 VA Switch (Standard)







### ENVIRONMENTAL

- Process Temperature: -40° to +300° F (-40° to +148.9° C)
- Process Pressure: 750 PSIG (51.7 bar)
- Specific Gravity: 0.79

### ELECTRICAL

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

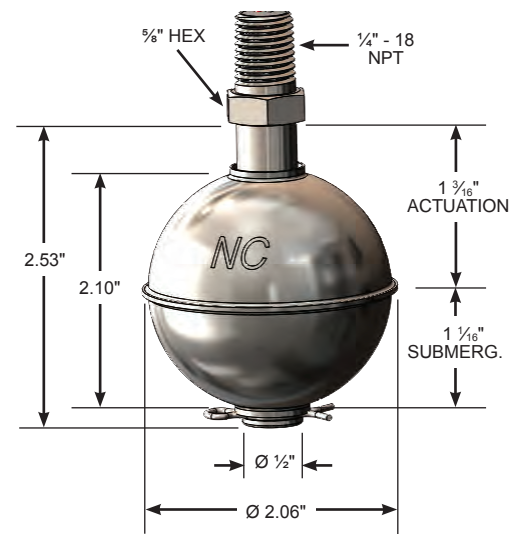
### APPLICATIONS

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



L195

### DIMENSIONS



L195

