

S005 SERIES

SUSPENDED LEVEL FLOAT SWITCHES SINGLE-POINT IN MULTIPLE DESIGNS

DESCRIPTION

The S005 Single-Point, Suspended Liquid Level Float Switch is a low-cost, float-actuated device intended for vertical mounting within a tank or process vessel. Available in three distinct design options, the S005 can accommodate installations where spacial limitations exist. The switch is also ideal for OEM applications where a single-point high or low level alarm is desired. Additional options include a variety of switch types, cable lengths and PVC cap attachment.

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

- Isolated "Dry" Switch Housing
- 22 AWG UL-Approved Cable
- 1' to 99' Cable Lengths Available
- PVC & Buna-N Construction
- Adjustable Compression Fitting
- Optional PVC Cap
- SPST or SPDT Switch Types




ENVIRONMENTAL

- Process Temperature:
-40 to +140 °F (-40 to +60 °C)
- Process Pressure: 150 PSIG (10.3 bar)
- Float Specific Gravity: 0.47
- Minimum Liquid Specific Gravity: 0.63

ELECTRICAL

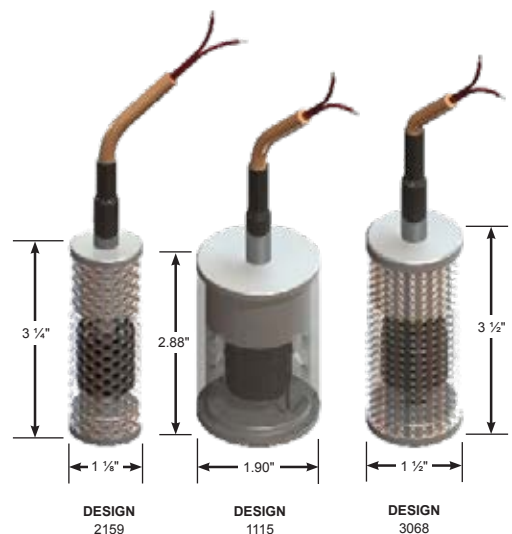
- Output:
SPST 50 VA
SPST 100 VA
SPDT 3 VA

APPLICATIONS

-  Chemical Tanks
-  Etching & Plating Baths
-  Parts Washers
-  Sumps & Wells
-  Wastewater



DIMENSIONS



S005

