

## FS31 – Vertical Low Level A/C Pan Switch

Low-voltage, condensation overflow shutoff switch is easily bracket-mounted in a liquid vessel to detect level changes as minute as 1/2", or in the top of a condensate pan for level detection. The high buoyancy Buna-N float has a large inner diameter to avoid the float sticking, common to many other standard fluid switches.

### FS31

This liquid level sensor comes standard with normally closed (NC) or Normally Open (NO) configurations, polypropylene stem and hex nut, 10 watt switch, 100 VDC max voltage, 80°C temperature max, maximum pressure of 25 PSIG.

**FS31-1A1-010** - 1" Polypropylene/Buna Pan, Normally Closed Float Switch

**FS31-1A2-010** - 1" Polypropylene/Buna Pan, Normally Opened Float Switch

Part Number	Switch Type	Max Switching Current	Max Switching Voltage	Max Temp	Max Pressure	Specific Gravity
FS31-1A1-010	10 Watt (NC)	0.50 Amps	100 VDC	80° C	25 psig	0.50
FS31-1A2-010	10 Watt (NO)	0.50 Amps	100 VDC	80° C	25 psig	0.50



When a condensate drain pan fails to empty properly, a float switch is often utilized as a high-level alarm, automatically cutting off compressor function before a harmful overflow occurs. In the case of central air conditioning systems, that means sparing homeowners the cost and trouble of fixing water-damaged ceilings, floors, and walls. Or, in larger A/C systems where gravity draining is impractical, a float switch could also be used to activate a condensate pump.

