



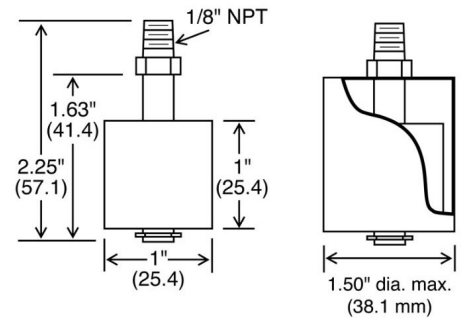
M8000 Miniature Plastic Float Switches & Liquid Level Sensors

Dependable Plastic Float Level Switches

The M8000 series miniature plastic float switches are designed for liquid level sensing . These hermetically sealed float switches provide years of dependable sensing at an economical cost. Used with standard 1/8"npt or Bulkhead threaded stem, these plastic switches come in a variety of plastics for many different liquid level sensor applications. Any of our vertical float switches can easily be mounted in the top or bottom of a tank as a High or Low level switch. Slosh shields are also available to protect the float and switches from turbulence or debris. ([Link to Turbulence](#))



Specifications	
M8000	Miniature Polypropylene Float Switches
Stem Material	Polypropylene
Float Material	Polypropylene
Fitting Type	1/8" NPT
Max. Temperature	105°C (220°F)
Max. Pressure	100 psig
Float SG	.80 SG
Switch Rating	30 VA/watt (AC/DC), SPST
Lead Wires	24" 22 awg. UL MTW wire (Standard)
Approvals	NSF, UL, CSA, CE
Availability	Stock



P/N #	Fitting	Switch Rating	Temp (Max.)	Pressure (Max.)	SG	Switch Material
M8000	1/8" NPT	30 watt	105°C	100 psig	.80	PP
M7000	1/8" NPT	30 watt	105°C	150 psig	.45	PBT / Buna N
M9000	1/8" NPT	30 watt	105°C	15 psig	.85	PVDF (Kynar)
P/N # with Slosh Shield						
MS8000	1/8" NPT	30 watt	105°C	100 psig	.80	w/ Slosh Shield
MS7000	1/8" NPT	30 watt	105°C	150 psig	.45	w/ Slosh Shield



Applications

- ◆ Polypropylene - For Clean Waters or for chemical compatibility
- ◆ PBT / Buna N for Oil and Fuels
- ◆ Kynar (PVDF) - for High purity, IC Processing and Chemical Compatibility
- ◆ Steam Tables or Hot Water Evaporators

Electrical Ratings

Switches are rated for resistive loads. The table below represents the UL guidelines for current (Amperes resistive) at different voltages.

AC Voltage

30 VA Nominal at 120 Vac 0.28 amps max

30 VA Nominal at 240 Vac 0.14 amps max

DC Voltage

30 VA Nominal at 24 Vdc 0.28 amps max

30 VA Nominal at 100 Vdc 0.1 amps max

Custom Configurations, Wire or Cable lengths available. Contact Madison Co. or your sales representative to discuss your application.