

# M8700 1/2" x 1/2" NPT Polypropylene Side-Mounted Float Switch

## Side-Mounted Plastic Float Level Switch

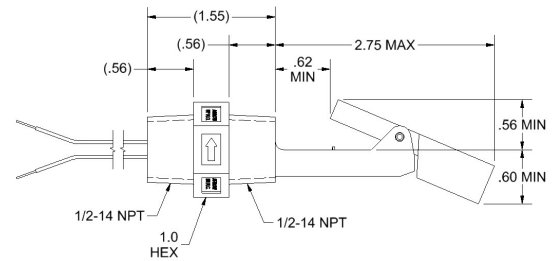
The M8700 side-mounted liquid level switch has a polypropylene stem and a polypropylene float. The M8700 series side-mounted plastic float switches are designed for liquid level sensing for a wide variety of fluids and conditions. These hermetically sealed float switches provide years of dependable sensing at an economical cost. Used with standard 1/2" NPT threaded stem, these plastic switches provide control signals for many different liquid level sensor applications. Any of our side mount float switches can easily be mounted through the wall of a tank as a high or low level float switch. Slosh shields are also available to protect the float and switches from turbulence or debris.



All wetted materials are NSF grade material and the float switch is listed as an NSF component and widely used in the food equipment industry.

### Specifications

M8700 – Side-Mounted Polypropylene Float Switch	
Stem Material	Polypropylene
Float Material	Polypropylene
Fitting Type	1/2" NPT Pipe Thread by 1/2" NPT Pipe Thread
Max. Temperature	105°C
Max. Pressure	100 PSIG
Float SG	0.60 SG
Switch Rating	30 Watt, 240V max. (AC/DC), SPST
Lead Wires	24", 22 AWG, MTW Insulated (Standard)
Approvals	NSF, UL, CSA, CE
Availability	Stock



Custom configurations available. Contact Madison Company or your sales representative to discuss your application.

Note: SPST = Single Pole, Single Throw Reed Switch

### Applications

- ◆ Low temperature food processing applications (to 105°C)\*
- ◆ Steam tables and condensate pans to monitor high/low levels
- ◆ Oil or water level detection
- ◆ Single point low level float switch for pump dry protection
- ◆ Sump alarm float switch for flood protection if sump pump or tank shut-offs fail
- ◆ Installations involving DI-water, salt water or mild acids

\* Madison Company uses only polypropylene that is FDA-approved for food contact.

### 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 Watt Nominal	at 24 VDC	0.28 amps max
30 Watt Nominal	at 120 VDC	0.07 amps max