

M8790 Bulkhead Side-Mounted Polypropylene Float Switch

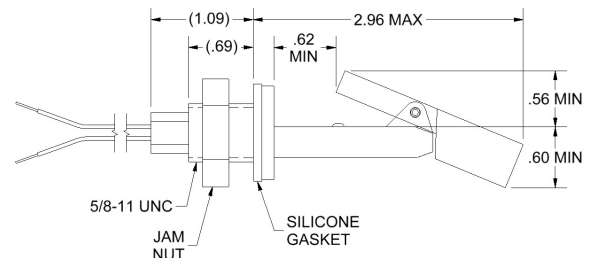
Side-Mounted Plastic Float Level Switch

The M8790 side-mounted liquid level switch has a polypropylene stem and a polypropylene float. The M8790 mounts from the inside of the application, through the wall of the tank, and seals using the supplied gasket. Polypropylene is typically suitable for use with acidic liquids such as those found in electroplating and metal cleaning. It is also a great option for lower temperature food operations up to 105°C. This material is a good choice for commercial appliances and equipment as well.



Specifications

M8790 – Bulkhead Side-Mounted PP Float Switch	
Stem Material	Polypropylene
Float Material	Polypropylene
Fitting Type	5/8-11 UNC 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, CE, CSA
Availability	Stock



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

Note: SPST = Single Pole, Single Throw

Applications

- ◆ Low Temperature food processing applications (to 105°C) as a single point liquid level float switch
- ◆ Steam tables and condensate pans to monitor high/low levels
- ◆ Single point low level float switch for pump dry protection
- ◆ Sump pump alarm float switch for flood protection if sump pump or tank shut-offs fail

Madison Company uses only polypropylene that is FDA-approved for food contact in these float switches. Polypropylene is also a great choice for chemical resistance from DI-water to acidic fluids used in electroplating or chemical processes.

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