



## M8700-C HVAC Series Condensate Float Switch

### Side-Mounted Plastic Float Level Switch

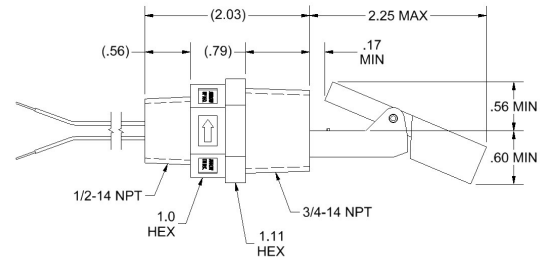
The M8700-C side-mounted liquid level float switch has a polypropylene stem and a polypropylene float. This switch is designed for 3/4" HVAC drain lines to detect backup in condensate drain line or drip pans. This float switch is also ideal for pipe mount level detection in 3/4" or larger pipe to detect absence or presence of liquids. It has a maximum temperature rating up to 105°C. This material is a good choice for commercial appliances and equipment as well.

**Installation Note:** As with any condensate line, contamination from water content and debris could inhibit proper float operation. Occasional cleaning can be accomplished by wiping with a soft cloth. Flush line with bleach and a descaling solution if water conditions require such treatment.



#### Specifications

M8700-C – Side-Mounted Condensate Switch	
Stem Material	Polypropylene
Float Material	Polypropylene
Fitting Material	Nylon - 3/4" NPT x 1/2" NPT Bushing
Fitting Type	3/4" NPT Bushing x 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

- ◆ HVAC pan level detection
- ◆ Critical level float switch for high/low alarms
- ◆ Equipment or pump shut-off control

#### 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