



INSTRUCTIONS

Complete Process Conditions (Table 1). Select float design, stem material and watt rating (Table 2). Select mounting configuration (Table 3). Provide required dimensions and switch operation (Table 4, reverse). Mail or fax with purchase order to Madison Company. All measurements in parentheses are in millimeters.

Company: _____ **Name:** _____

Address: _____

Phone: _____ **Email:** _____

Fluid Type: _____ **Est. Annual Sensor Purchase QTY:** _____

Notes or Custom requests

Table 1: Process Conditions

Max. Temp _____	Min. Temp _____
Max. Pressure _____	Specific Gravity _____
Fluid _____	
Special Conditions _____	
Quantity _____	Wire Length (24" (610mm) standard) _____
Temperature Sensor Option	
Thermocouple	Type J Type K Type T
Thin-Film RTD	100 OHM 1000 OHM
Bimetal	Creep action Snap action Thermistor
Temperature Range _____	
Other Considerations _____	
Controller Needed? _____	

Table 2

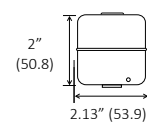
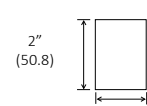
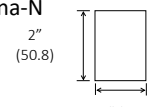
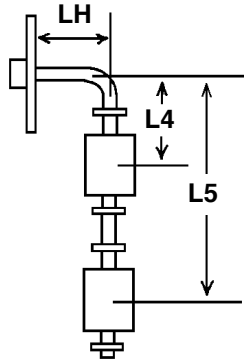
Float Design	Available Stem Materials	Model No.
Full-Size Floats		
SPST 60 WATTS SPST 100 WATTS	SPDT 25 WATTS <small>*Rated for hazardous locations</small>	
Stainless Steel 	Stainless Steel Brass	M5602 M5402
Polypropylene 	Polypropylene Stainless Steel Brass	M8802 M8602 M8402
Buna-N 	Stainless Steel Brass	M4602 M4302

Table 3: Mounting Configurations

Male Thread	Male Pipe Plug	Flange
1/8" NPT	2"	Specify size
1/4" NPT	1-1/2"	Bulkhead
3/8" NPT	1-1/4"	
1/2" NPT		Bulkhead
3/4" NPT		

Table 4: Length & Operating Point

Additional levels are available. Please consult factory. Note: 4 level maximum on M8802



LH Value _____
(switches with bent stems)

Please specify lengths and switch operation in chart below, always starting with the bottom switch (L5).

Lengths Required	Switch Oper. NO/NC	SPDT	Slosh Shield
L1 _____	_____	_____	_____
L2 _____	_____	_____	_____
L3 _____	_____	_____	_____
L4 _____	_____	_____	_____
L5 _____	_____	_____	_____
L (Total) = _____			

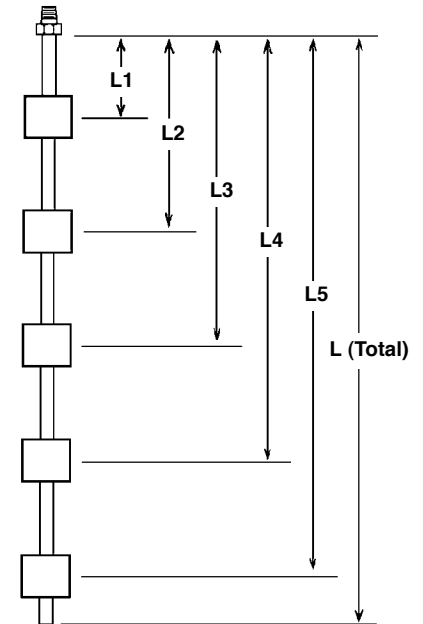


Table 5: Switch Set-up Criteria

For M5602, M5402, M8602, M8402, M4602, M4302

L (Total) = L5 + 1-1/2" (38.1mm) Min.
Distance from mounting fitting to first switch = 1-1/4" (31.7mm) Min.
Minimum distance between floats: 2-1/2" (63.5mm)
Minimum LH = 2-1/2" (63.5mm)

For M8802, M6602

L (Total) = L5 + 2" (50.8mm) Min.
Distance from mounting fitting to first switch = 1-3/4" (44.4mm) Min.
Minimum distance between floats: 3" (76.2mm)

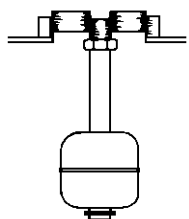
State your current _____ and voltage _____ requirements.

Typical Current & Voltage Ratings

Watts	Voltage	Current Amps	Model	Max. Temp.	Max. PSIG
100	240 AC	0.4	M5602*	200° C	200
	120 AC	1.0	M5402	200° C	200
	120 DC	0.4	M4302	105° C	150
	24 DC	1.0	M4602	105° C	150
60	240 AC	0.4	M6602	90° C	100
	120 AC	0.5	M8802*	105° C	100
	120 DC	0.2	M8602	105° C	100
	24 DC	0.5	M8402	105° C	100
25	240 AC	-			
	120 AC	0.28			
	120 DC	-			
	24 DC	0.28			

* NSF approved for use in food equipment.

Installation



NC Operation:

SS Floats: Witness mark (round circle) down.
Plastic Floats: Magnets up.

NO Operation:

SS Floats: Witness mark (round circle) up.
Plastic Floats: Magnets down.

SUBMIT



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