



M-701 Series

Shuttle Type

Non-Adjustable Flow-Switch



- Low Cost Model
- Universal Mounting
- Convenient Maintenance
- Applications:
 - Equipment Cooling
 - ◆ Welders
 - ◆ Lasers
 - ◆ Heat Exchangers
 - Water Treatment
 - ◆ Chlorinators
 - ◆ Purifiers
 - ◆ Heaters

The M-701 offers low cost flow monitoring with a variety of switch actuation points and low pressure drop. M-701 is designed for ease of maintenance, as the bonnet and shuttle can be removed, leaving the housing and pipe work connections intact. All wetted parts are polypropylene or stainless steel, making this switch ideal for a wide range of chemical and temperature requirements. The M-701 is suitable for potable water treatment applications including chlorinators, purifiers and heaters. The M-701 is ideal for equipment cooling including welders, lasers, etc.

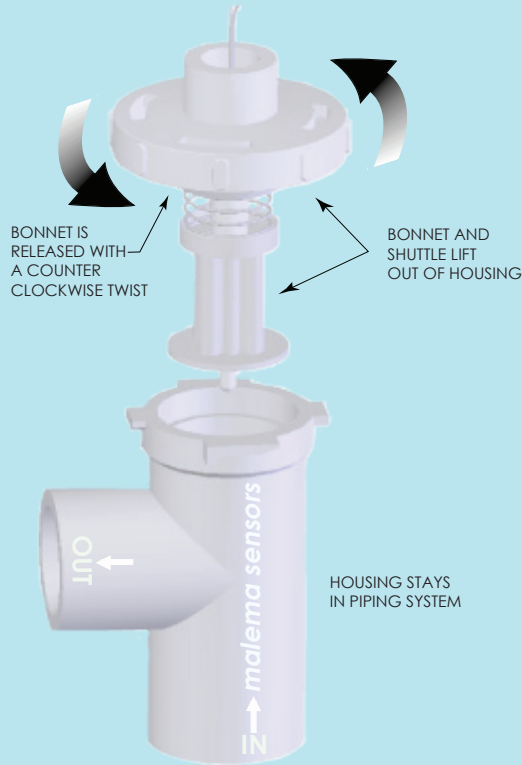
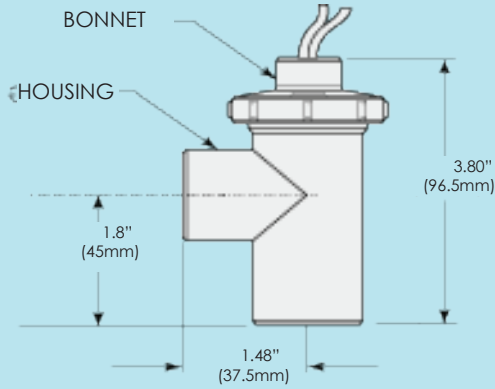
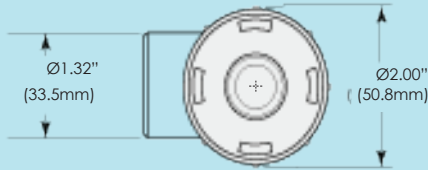
Specifications

Operating Pressure	100 psig@70°F, 50 PSIG@180°F, 40 PSIG@210°F
Temperature	60° to 212°F
Set Point Hysteresis	± 20% maximum
Set Point Accuracy	± 20%
Switch	SPST- N.O or N.C, SPDT 10W, 0.5 ADC, 200VDC
Inlet/Outlet Ports	3/4" FNPT
Electrical Termination	26" long 22 AWG Teflon insulated wire
Mounting Orientation	Any Orientation

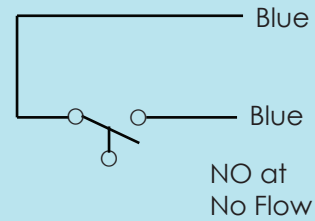
Materials Used

Housing	Polypropylene
Bonnet	Polypropylene
Piston	Polypropylene
Piston cap	Polypropylene
O-ring	Viton
Spring	SS
Retainer Ring	SS

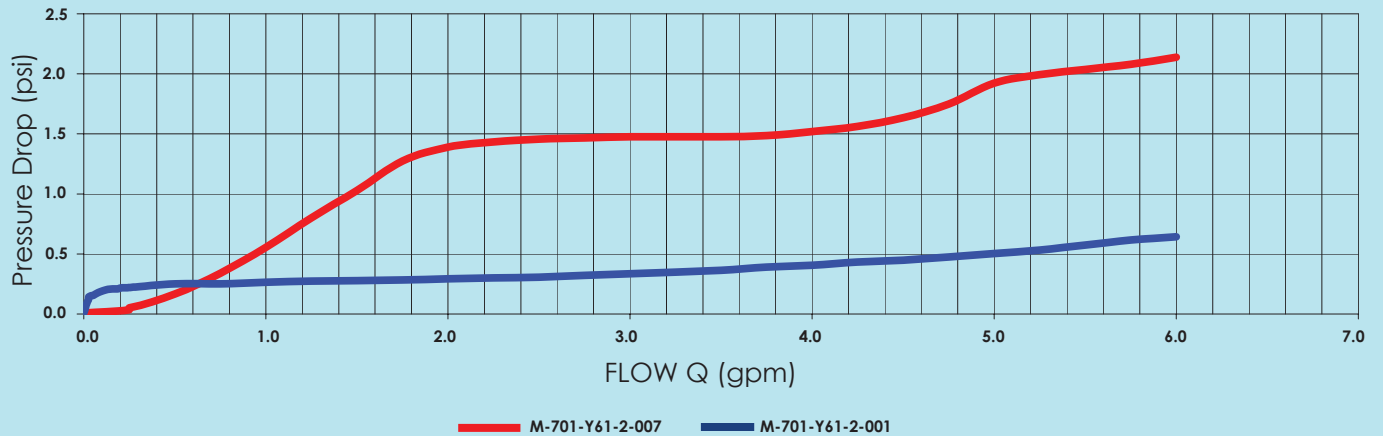
Dimensions



Wiring Diagram



Pressure Drop Chart



Please contact factory for pressure drop information for other set points

How To Order - Standard Models

Specify Part Number based on switch actuation set point. Set points other than those listed are available as special order; contact MALEMA with your requirements. Normally closed switch logic units available as special orders.

Model Code								Description
M701								
	-							
Body Material	Y							Polypropylene
Connection Size	6							3/4" FNPT
Switch Type	1							SPST N.O.
	2							SPST N.C.
	3							SPDT
	-							
O-ring Material		2						Viton
			-					
Set Point			001					0.25 gpm Water Increasing
			002					0.5 gpm Water Increasing
			003					1.0 gpm Water Increasing
			004					1.5 gpm Water Increasing
			005					2.0 gpm Water Increasing
			006					2.5 gpm Water Increasing
			007					5.0 gpm Water Increasing