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Mercury Float Switches

Control Switches

Submittal
Data Sheet

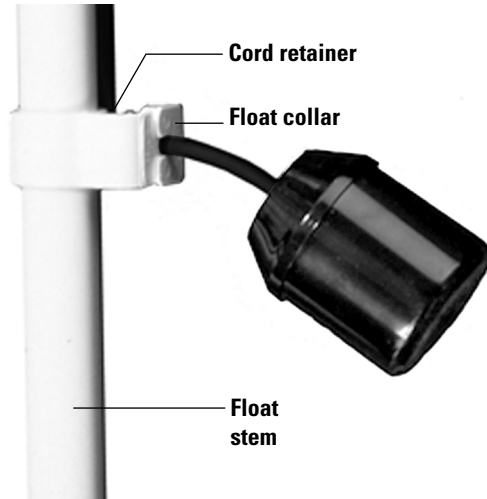


Oreco Systems®
Incorporated

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Applications

Float Switches are used to signal alarm and control panels (low amperage) in tank pumping applications.



General

Oreco Mercury Float Switches utilize single throw, single pole mercury-to-metal contacts for reliable sensory switching. The differential is only a few degrees from the horizontal position. All models are UL listed for use in water or sewage and CSA certified. Model "A" floats are also CE certified for sale in European Union countries.

Model "A" float switches are normally open; model "T" float switches are normally closed. Floats are typically supplied in assemblies which include a float stem (ordering explained below).

Standard Model

A, T

Nomenclature

MF XXXX
 — Indicates the float models in order from the top of the tank and number of floats.
 — Float Assembly

Ex: MF3AT - indicates three "A" floats and one "T" float; the "T" is the lowest on the float stem.

Specifications

Float Housing: The float housing has a diameter of 2.81" and a length of 3.42"
 Float Cord: Cords are 5/16" in diameter and are available in lengths shown below.

	Model A		Model T	
	120 VAC	230 VAC	120 VAC	230 VAC
Voltage 60 Hz, Single Phase	120 VAC	230 VAC	120 VAC	230 VAC
Maximum Current (amps)	10	10	10	10
Available Cord Lengths (ft.)	10, 15, 20, 30, 50		10, 15, 20, 30, 50	
Float Type	Normally Open		Normally Closed	
Drawdown	None		None	

Materials of Construction:

Float Housing: ABS
 Float Cord: Flexible 16 gauge, 2 conductor per SJOW-A (UL), SJOW (CSA). Neoprene coating
 Float Collar: ABS