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Plastic Full Size Float Switches

Madison Company offers a complete line of Standard and Custom plastic liquid level switches. In addition, Madison Company designs specific liquid level switches for OEM applications that require unique materials, configurations and system interfaces.



High reliability of the magnetic reed switch technology assures repeatability at an economical price.

Features

- Single-point
- Magnetic reed switch technology
- High reliability
- Wide selection of available materials
- Three basic sizes: full, miniature and subminiature
- Direct interface to controllers available Each style switch is equipped with a means to indicate Normally Open (NO) or Normally Closed (NC) operation:

Vertical Switches: NO/NC operation is indicated by the position of a witness mark. NO is indicated by circle up; NC is indicated by circle down.

An ohmmeter or continuity meter may be used to verify the switch setting and operation. Simply connect the meter to the leads with the float hanging down away from the fitting and measure the switch. If the meter reads a short, then the switch is normally closed and will open on rise.

All switches are shipped in the NC position, unless otherwise specified. To change the contact operation, simply remove the retaining ring and float and reverse the float on the stem. The only exception to this is the subminiature switch (M3326/M3326-NO), for which operation must be specified when ordered, since the float is not reversible on this switch.

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Item #	Type	Stem Material	Float Material	Max. Temperature	Fittings	Nominal Current Rating(s)	Float SG	Max. Pressure
M8800	Full Size Switch	Polypropylene	Polypropylene	105 °C	1/4" NPT	60 VA SPST Switch	0.75	100 psig
M8800-SPDT	Full Size Switch	Polypropylene	Polypropylene	105 °C	1/4" NPT	25 VA SPDT Switch	0.75	100 psig
M8801	Full Size Switch	Polypropylene	Polypropylene	105 °C	1/4" NPT	100 VA SPST Switch	0.75	100 psig
M8800-PR	Full Size Switch	Polypropylene	Polypropylene	105 °C	1/4" NPT	100 VA SPST Switch	0.75	100 psig
M7800	Full Size Switch	PBT	Buna-N	105 °C	1/4" NPT	60 VA SPST Switch	0.45	150 psig
M7800-SPDT	Full Size Switch	PBT	Buna-N	105 °C	1/4" NPT	25 VA SPDT Switch	0.45	150 psig
M7801	Full Size Switch	PBT	Buna-N	105 °C	1/4" NPT	100 VA SPST Switch	0.45	150 psig
M8060-PR	Full Size Switch	CPVC	Polypropylene	105 °C	1/4" NPT	100 VA SPST Switch	0.75	100 psig
MSB7800	Full Size Switch	PBT	Buna-N	105 °C	N/A	60 VA SPST Switch	0.45	150 psig 10 bar
MSB8800	Full Size Switch	Polypropylene	Polypropylene	105 °C	N/A	60 VA SPST Switch	0.75	100 psig 6 bar
MS8800	Full Size Switch with Slosh Shield	Polypropylene	Polypropylene	105 °C	1/4" NPT	60 VA SPST Switch	0.75	100 psig

MS8800-SPDT	Full Size Switch with Slosh Shield	Polypropylene	Polypropylene	105 °C	1/4" NPT	25 VA SPDT Switch	0.75	100 psig
MS8801	Full Size Switch with Slosh Shield	Polypropylene	Polypropylene	105 °C	1/4" NPT	100 VA SPST Switch	0.75	100 psig
MS8800-PR	Full Size Switch with Slosh Shield	Polypropylene	Polypropylene	105 °C	1/4" NPT	100 VA SPST Switch	0.75	100 psig
MS7800	Full Size Switch with Slosh Shield	PBT	Buna-N	105 °C	1/4" NPT	60 VA SPST Switch	0.45	150 psig
MS7800-SPDT	Full Size Switch with Slosh Shield	PBT	Buna-N	105 °C	1/4" NPT	25 VA SPDT Switch	0.45	150 psig
MS7801	Full Size Switch with Slosh Shield	PBT	Buna-N	105 °C	1/4" NPT	100 VA SPST Switch	0.45	150 psig
MS8060-PR	Full Size Switch with Slosh Shield	CPVC	Polypropylene	105 °C	1/4" NPT	100 VA SPST Switch	0.75	100 psig

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