



Event Diversion Systems

Component Specification

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COMPONENT DESCRIPTION

2" High sensitivity water Flow Switch with 100 feet of signal cable. This requires an NPT tee. This switch will trigger a diversion event when water flow present in sufficient amounts (0.12 GPM min. – 2.5 GPM Max 100 PSI MAX flow rate 70 GPM). The switch is to be used in applications where detecting flow is important to open or close diversion valves.

MANUFACTURER

McDonnell & Miller 8200 N. Austin Avenue Morton Grove, IL 60053 USA General Tel. (847) 966-3700 Fax: (847) 983-5954 <http://completewatersystems.com>



McDonnell & Miller

WARRANTY

The Switch has a 1 Year Warranty

PHOTOGRAPH



DIMENSIONS

5" Diameter X 5.75" Tall 4.5 LBS

MATERIALS OF CONSTRUCTION

Brass and Aluminum powder coated switch enclosure.

CABLE GLAND

3/8" NPT Nylon moisture resistant IP68 strain relief - For 0.31" max diameter cord



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CABLE

100 Feet SJ00W 18 gauge 2 conductor cable stranded fully annealed copper, Jacket Black, Conductor colors 1- Black 1- White Jacket temperature range -40 +90 High Resistance to UV, Oil and Moisture

MOUNTING/END CONFIGURATION

3/4" Female National Pipe Thread inline mounting.

ELECTRICAL

Switch Characteristics: NORMAL POWER SUPPLY 24 VAC FROM CONTROLLER
Switched power Maximum: 0.5 Amps - Switched voltage DC Maximum: 250 volts –
Maximum Temp 150 Degrees F, Maximum pressure 100 PSI

MECHANICAL

Paddle type high sensitivity snap action flow switch.

CERTIFICATIONS

SWITCH – NEMA 4X (Water Tight, Dust Tight)
Cable UL, CSA, MSHA, ROHS, ASTM B-174, Water Resistant
Cord Gland ROHS, IP68

SPECIAL NOTES

Must be mounted on a Horizontal pipe tee with at least 5" straight run before and after the switch.
Do not use with flow greater than 10 feet per second