

Flow Switches

McDonnell & Miller

Liquid Flow Switches

The flow of liquids in pipelines plays an important role in industry and commerce. Under most circumstances it is essential to know whether or not there is a flow in a pipeline, and to act upon that knowledge. That is the reason for, and the function of, McDonnell & Miller Flow Switches.

A complete line of Liquid Flow Switches has been developed for a wide range of applications and literally hundreds of uses, including:

- Air Conditioning
- Hot Water Space Heating Systems
- Hot Water Supply Systems
- Pump Systems

Flow

Switches

- Water Cooled Equipment
- · Blending or Additive Systems
- Liquid Transfer Systems
- Fire Sprinkler Systems
- Water Treatment Systems
- Swimming Pool Chlorination
- Industrial Laser Coolant System

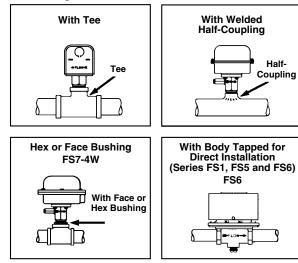
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FLOW	NO FLOW

In the tables of flow rates included in this catalog the word "Flow" means that switch will close one circuit and open the other, when flow rate is increased to the rate shown.

The words "No-Flow" mean the switch will reverse position—open first circuit and close the second—when flow rate is decreased to the rate shown.

NOTE: DO NOT USE LIQUID FLOW SWITCHES ON SYSTEMS WITH FLOW GREATER THAN 10 FEET (3M) PER SECOND.

Mounting Methods



All
ModelsType 1—General purpose indoorFS1W, FS6W
FS7-4W, FS8WType 4X—Watertight, Dust tight and
Corrosion resistantFS7-4EType 7—Hazardous Location
(Class 1–Group C or D)
Type 9—Hazardous Location
(Class 2–Group E,F or G)

NEMA

Enclosure

Models FS74E, FS74SE Flow Switches are Underwriters Laboratories Inc. Listed for use in these hazardous locations:

Class I, Division I, Group C – Atmospheres containing ethylether vapors, ethylene or cyclopropane.

Class I, Division I, Group D – Atmospheres containing gasoline, petroleum, naphtha, benzene, butane, propane, alcohols, acetone, benzol, lacquer solvent vapors or natural gas.

Class II, Division I, Group E – Atmospheres containing dust of aluminum, magnesium or their commercial alloys.

Class II, Division I, Group F – Atmospheres containing carbon black, coal or coke dust.

Class II, Division I, Group G – Atmospheres containing flour, starch or grain dusts.

Note: For other listings contact the factory.

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