

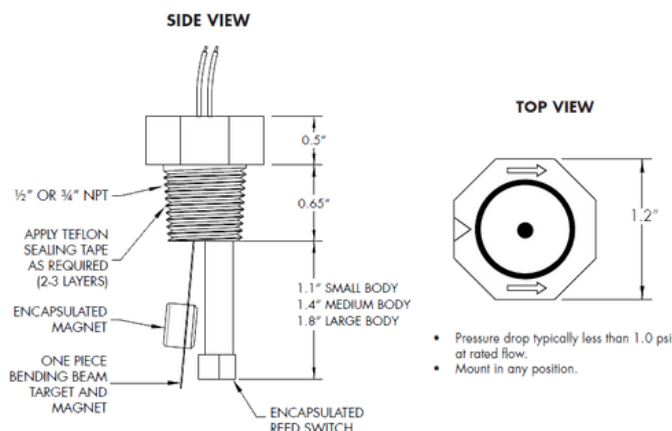
Since the mid 1980's these blade-style flow switch has been used by some of the largest companies in the fluid control industries as well as Pool & Spa. It has several factory adjustable parameters that provide the flexibility to meet the requirements of almost any application.

The blade-style switch verifies fluid flow, typically in conjunction with another device. For example in a chiller it prevents the system from freezing, and in most of swimming pool salt chlorine generators it has been used to verify sufficient flow before the generator is energized. In a spa or hot tub it ensures sufficient flow to prevent the water heater from a meltdown, and at home it turns on the water disinfection system when someone is getting a glass of water.



Standard Features

- Max. flow may be five times normal flow.
- Positive stop eliminates fatigue effects of turbulence, vibration and flow surge on flow detecting element.
- Very low pressure drop – typically less than 1.0 psig at normal flow rate.
- Small size and low profile provides easy mounting in crowded installations.
- Power the driving coil of small ice cube relays as well as some 30A power relays.
- Switches 5VDC to 240VAC.
- Switch employs magnetic coupling.
- Can be used in 3/4 inch to 6 inch pipe



Specifications

- Flow Range: 0.7–590 GPM (2.6–2,233 L/m)
- Working Temp: 200°F (93°C) Maximum
- Working Pressure: 250 psi (1.724 kPa)
- Process Connection: 1/2" NPT, 3/4" NPT
- Electrical (Reed) Switch: SPNO (single pole normally open) 0.5A*
- Enclosure: NEMA 4X / IP 66

Typical Working Fluids

For use in a broad spectrum of industrial fluids, such as:

- Cooling Tower Water
- Water (saltwater, pure, tap, etc.)
- Glycol Solutions Lubricating Oils
- Mild Acids Gasoline
- Plating Solutions JP-4

