

Latching Reed Switch

Latching Reed Switch alarm available for the 9000 Silver Series



The latching reed switch is an available option for the 9000 Series Flowmeter.

The switch assembly is mounted on the side of the metering tube by a dovetail or guide rod. The switch can be positioned to trip at any point on the scale.

The switch is a reed type and uses a biasing magnet to give it the latching feature. The float contains hermetically sealed magnet(s), so when the float comes in close proximity to the switch it closes and remains closed (latched) when the float moves below the switch it resets itself. Multiple switches can be used.

Operating temperature range is -40° C to 125° C.

LATCHING REED SWITCH ELECTRICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Switch Type | SPST |
| Power | 4W Max |
| Switching Voltage | 30VDC Max |
| Breakdown Voltage | 200VDC Min |
| Switching Current | 0.2 A Max |
| Carry Current | 1.4 A Max |
| Initial Contact Resistance | .020 Ohm Max @ 50% Magnetic Overdrive |

CONNECTIONS

| Single Switch | Dual Switch |
|---------------|----------------------------------|
| 1(+), 2(-) | High Switch 1(+), 2(-) |
| | Low Switch 4(+), 5(-) |

9000 Silver Series with Latching Reed Switch