Flow Switches, Paddle

**Series V8**

**V8 Flotect® Flow Switch**

Field Adjustable – 1 to 6 Inch Pipe, Leak Proof Body

**V8 Flotect® Flow Switch Protects Equipment:** Operation is simple and dependable. In most applications, the switch is normally off while there is sufficient flow of liquid or air. When flow stops, the vane spring moves the vane, actuating a single pole double throw switch rated 5A @ 120/250 VAC to start or stop motor, pump, engine, etc. Operate a damper or valve; shut down a burner or actuate an alarm or signal, protecting unattended equipment from damage or loss of production.

The V8 Flotect® Flow Switch has a leak proof body and vane constructed of tough durable ceramic 8 and 316SS. The V8 Flotect® flow switch is UL recognized as an industrial motor controller per UL standard 508, suitable for mounting in a protected environment. Operation is simple and dependable. Operation is simple and dependable.

**APPLICATIONS**

Applications are chemical processing, air conditioning, refrigeration, heating systems, cooling lines, machinery, liquid transfer systems, water treatment, food processing, and machine tools. Also, other applications compatible with the materials of construction.

**SPECIFICATIONS**

**Service:** Compatible gases or liquids.

**Wetted Materials:**
- Vane and body: Polyphenylene Sulfide (PPS);
- Pin and spring: 316 SS or Inconel®;
- Magnet: Ceramic 8.

**Temperature Limit:** 212°F (100°C).

**Pressure Limit:** 150 psig (10.34 bar).

**Agency Approvals:** CE, UL 508 for US and Canada.

**Mounting Orientation:** Actuation/deactuation flow rates are based on horizontal pipe runs and are nominal values. Unit cannot be used with vertical down flow.

**Set Point Adjustment:** Vane is trimmable.

**Weight:** 4.5 oz (0.13 kg).

**OPTIONS**

**Gold Plated Contacts,** for dry circuits. Rated 1A @ 125 VAC; 1A resistive, 0.5A inductive @ 30 VDC. To order add suffix -MV.

Example: V8-MV ........................................... add $10.50

**Inconel® Alloy Option.** Inconel® Alloy replaces standard 316 SS wetted parts. Wetted parts are Inconel® Alloy, ceramic 8, and Polyphenylene Sulfide. To order add suffix -INC.

Example: V8-INC ........................................... add 19.25

**Weatherproof Enclosure.** Optional housing is phenylpolioxide and provides weatherproof protection for electrical wiring.

To order add suffix -WP. (Not UL approved)

Example: V8-WP ........................................... add 19.00

**Weatherproof Enclosure.** Optional housing is aluminum and provides weatherproof protection for electrical wiring.

To order add suffix -WP2. (Not UL approved)

Example: V8-WP2 ........................................... add 19.00

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