**SERIES V7 | W. E. ANDERSON® BY DWYER**

**FLOTECT® VANE OPERATED FLOW SWITCH**

Magnetic Linkage, UL Approved

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**FEATURES/BENEFITS**

- Magnetically actuated switching design gives superior performance.
- Features a free-swinging vane which attracts a magnet within the solid metal switch body, actuating a snap switch by means of a simple lever arm with no bellows, springs, or seals to fail.
- Lower body is machined solid metal bar stock assuring no leak points, no matter how long the unit is in service.
- Robust vane design is rigid and field trimmable for set point adjustment.

**APPLICATIONS**

- Proof of boiler flow
- Protects pumps, motors and other equipment against low or no flow
- Stops liquid cooled engines, machines and processing when coolant flow is interrupted

**SPECIFICATIONS**

- **Service:** Liquids compatible with wetted materials that are non-coating and non-crystallizing.
- **Wetted Materials:** Vane: 301 SS; Brass or 316 SS; Magnet: Ceramic; Other: 301, 302 SS.
- **Upper Body Material:** Die cast aluminum.
- **Temperature Limits:** -40 to 250°F (-40 to 121°C).
- **Pressure Limits:** 250 psi (17.2 bar).
- **Enclosure Rating:** Weatherproof, meets NEMA 4X (IP66).
- **Switch Type:** SPOT snap switch.
- **Electrical Rating:** 10 A @ 125, 250 VAC; 1/8 hp @ 125 VAC, 1/4 hp @ 250 VAC.

**FEATURES/BENEFITS**

- Full size, field trimmable stainless steel vane provided with removable template.
- Normally Closed (NC) with no change in the electrical connection.
- Simple field switch adjustment allows user to toggle between Normally Open (NO) or hermetically sealed reed switch.
- Contact the factory for different actuation-deactuation rates.

**APPLICATIONS**

- Protects pumps, motors and other equipment against low or no flow
- Combined for brass or ductile iron reducing tees with forged steel straight tee/bushing
- Full size, field trimmable stainless steel vane provided with removable template.

**SPECIFICATIONS**

- **Service:** Compatible gases or liquids. Wetted Materials: Vane: 301 SS; Body: Brass or 303 SS; Pin and Magnet: Ceramic. Temperature Limit: 200°F (93°C). Pressure Limit: Brass body: 1000 psig (69 bar); 303 SS body: 2000 psig (138 bar). Enclosure Rating: Weatherproof, meets NEMA 4X (IP66). Switch Type: SPST hermetically sealed reed switch. Field adjustable for normally open or normally closed. Electrical Rating: 0.5 A @ 120 VAC; 1.5 A @ 24 VDC res.; 0.001 A @ 200 VDC res.

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**SERIES V10 | W. E. ANDERSON® BY DWYER**

**FLOTECT® MINI-SIZE FLOW SWITCH**

Proof of Flow or No Flow in 1/2 to 2” Pipe, Cost Effective, Leak Proof Body, Weatherproof

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**FEATURES/BENEFITS**

- Magnetically actuated switching design gives superior performance with rugged, hermetically sealed reed switch.
- Simple field switch adjustment allows user to toggle between Normally Open (NO) or Normally Closed (NC) with no change in the electrical connection.
- Switch housing is located outside the process media, allowing simple switch changeover or maintenance without interruption of process flow.
- Full size, field trimmable stainless steel vane provided with removable template calibrated for brass or ductile iron reducing tees with forged steel straight tee/bushing combinations.

**APPLICATIONS**

- Proving flow in boilers, hot water heaters, and chillers
- Protects pumps, motors and other equipment against low or no flow
- Automatically starts auxiliary pumps and engines

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