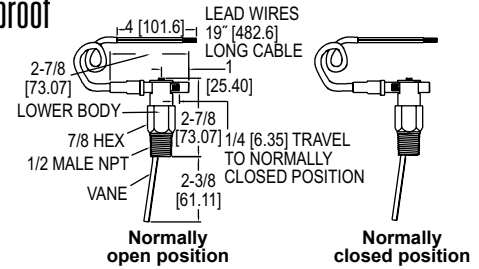


SERIES V10



FLOTECH® MINI-SIZE FLOW SWITCH

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



The **Series V10 Flotech® Mini-Size Flow Switch** is designed to provide inexpensive, reliable monitoring of the presence or absence of flow in a system. This series is available for field installation in pipelines from 1/2 to 2" diameter and available in brass or 303 SS body.

BENEFITS/FEATURES

- Superior performance with rugged magnetically-actuated switching design and hermetically sealed reed switch
- Application flexibility with simple field switch adjustment allowing to toggle between normally open (NO) or normally closed (NC) with no change in the electrical connection
- Save time and money on maintenance with electrical assembly that can be easily replaced without removing the unit from installation so that the process does not have to be shut down
- Solves application needs with 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

SPECIFICATIONS

Service: Compatible gases or liquids.
Wetted Materials: Vane: 301 SS; Body: Brass or 303 SS; Pin and magnet: Ceramic 8.
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.

Electrical Connections: 18 AWG, 19" (483 mm) long, PVC jacket. Rated 221°F (105°C).
Process Connection: 1/2" male NPT or 1/2" male BSPT.
Mounting Orientation: Switch can be installed in any position but the actuation/deactuation flow rates are based on horizontal pipe runs and are nominal values.
Set Point Adjustment: Vane is trimmable.
Switch Enclosure: Nylon.
Weight: 5.5 oz (0.16 kg).
Compliance: CE, CSA, UR.

MODEL CHART

APPROXIMATE ACTUATION/DEACTUATION FLOW RATES FOR COLD WATER; GPM (LPM)				APPROXIMATE ACTUATION/DEACTUATION FLOW RATES FOR AIR; SCFM (LPM)			
Pipe Size	Trim	N.O.	N.C.	Pipe Size	Trim	N.O.	N.C.
1/2"	L	2.6/2.3 (9.8/8.7)	2.6/2.5 (9.8/9.5)	1/2"	L	10.3/8.8 (291.7/250)	10.2/9.2 (288/260)
3/4"	J	3.1/2.7 (11.7/10.2)	3.1/2.8 (11.7/10.6)	3/4"	J	13/11.6 (368.3/328)	12.9/11.6 (365/328)
1"	H	4.8/4.5 (18.2/17)	4.8/4.4 (18.2/16.7)	1"	H	19.2/17.6 (543.3/498)	18.9/17.6 (535/498)
1-1/4"	E	6.2/5.6 (23.5/21.2)	6.1/5.6 (23.1/21.2)	1-1/4"	E	24.8/22.2 (701.7/628)	24.5/22.5 (693/637)
1-1/2"	C	8.2/7.7 (31/29.1)	8.2/7.7 (31/29.1)	1-1/2"	C	33.4/31.2 (946.7/883)	33/30.6 (935/867)
2"	Full	9.5/9.1 (36/34.4)	9.5/9 (36/34.1)	2"	Full	50.2/48.4 (1422/1370)	50.2/47.7 (1422/1352)

USA: California Proposition 65

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.