



## Vane Flow Switch

TMAN-FS-2

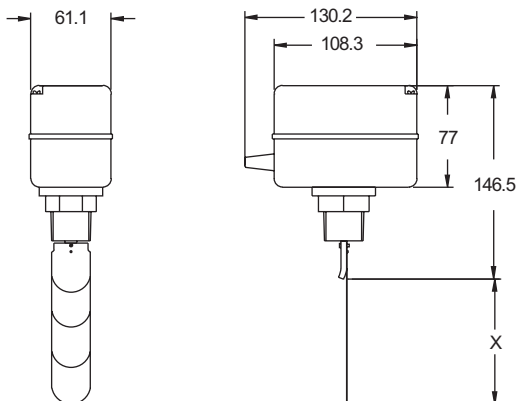
The Series TMAN-FS-2 Vane Flow Switch offers an economical flow proving solution. Custom set points tailored for the application are enabled by field adjustable vane layers and a set point adjustment screw. The TMAN-FS-2 features an aluminum weatherproof housing for outdoor installation. Paddles are adjustable to fit 1" to 8" size pipe. TMAN-FS-2 is ideal for use in „flow or no flow“ applications in cold and hot water systems.



### Specifications

Service:	Compatible liquids.
Wetted Materials:	Bellow: Tin-bronze; Vane: Stainless Steel; Body: Forged brass.
Temperature Limits:	230°F (110°C).
Pressure Limits:	145 psig (10 bar).
Enclosure Rating:	NEMA 4 (IP64).
Switch Type:	SPDT snap switch.
Electrical Rating:	10 A res, 3 A ind @ 250 VAC.
Electrical Connection:	Cable gland with attached wire leads.
Process Connection:	1" male NPT or BSPT.
Mounting Orientation:	Switch must be installed vertically on horizontal pipe runs.
Set Point Adjustment:	Four vane combinations and an adjustment screw.
Enclosure:	Die-cast aluminum alloy.
Weight:	28.22 oz (0.8 kg).

### Dimensions



### FLOW RATE CHART

Pipe Diameter (inch)	Blade Length in (mm) Dim. X	Approximate Actuation and Deactuation Flow Rates for Water			
		Minimum Setting GPM (LPM)		Maximum Setting GPM (LPM)	
		Actuate	Deactuate	Actuate	Deactuate
1	1.34 (34)	4.0 (15.0)	1.8 (6.7)	8.8 (33.3)	6.6 (25.0)
1-1/4	1.34 (34)	5.3 (20.0)	2.6 (10.0)	11.4 (43.3)	8.4 (31.7)
1-1/2	2.24 (57)	7.0 (26.7)	4.0 (15.0)	14.5 (55.0)	11.4 (43.3)
2	2.24 (57)	14.1 (53.3)	9.7 (36.7)	31.3 (118.3)	22.5 (85.0)
2-1/2	3.46 (88)	18.5 (70.0)	15.4 (58.3)	35.2 (133.3)	30.8 (116.7)
3	3.46 (88)	27.7 (105.0)	25.1 (95.0)	52.8 (200.0)	46.2 (175.0)
4	3.46 (88)	59.4 (225.0)	52.8 (200.0)	123.3 (466.7)	114.5 (433.3)
5	6.57 (167)	52.8 (200.0)	39.6 (150.0)	132.1 (500.0)	123.3 (466.7)
6	6.57 (167)	75.7 (286.7)	52.8 (200.0)	154.1 (583.3)	140.9 (533.3)
8	6.57 (167)	184.9 (700.0)	158.5 (600.0)	396.3 (1500.0)	374.2 (1416.7)

All specifications are subject to change without notice



# TECHMARK

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