

Flow switches FSF series

Introduction

FSF series flow switches are used in measuring and controlling the flow of the liquid in the pipe, such as water, alcohol, etc., as well as in the places where it needs chain effect or cutout protection.

FSF series flow switches have SPDT switch, full-sealing structure as its shell, and stainless steel as its inside components, which can assure its use in any conditions.

FSF-A series flow switches are used for caustic fluid liquid, the materials of FSF-A in contact with the medium is stainless steel.

Approvals: DnV, Det norske Veritas (Norway), CQC (China), CE (Europe).



Technical data

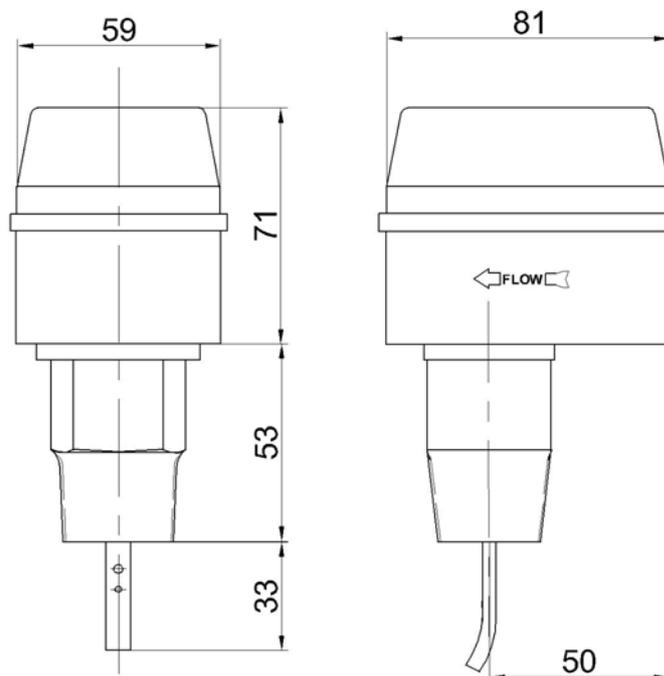
Ambient temperature
-20 ~ 50 °C
Liquid temperature
-25 ~ 120 °C
Max. liquid pressure
1.5MPa

Electrical data

Voltage (V)		A.C. 110		A.C. 220	
		Current (A)		Current (A)	
Non-inductive current		10		8	
Inductive current	Full load	10		8	
	Starting	60		48	

Dimension

(Unit: mm)

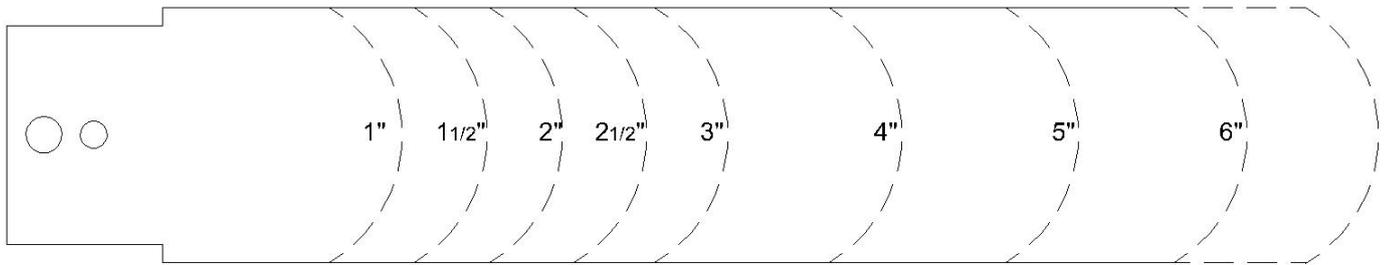


Flow switches
FSF series

Type & data

Model	Connection	Medium	Materials in contact with the medium	crust
FSF50P-2	1/2"-14NPT	Water	brass	Seal plastic case
FSF50P-3	3/4"-14NPT			
FSF50P-1	1"-11 ¹ / ₂ NPT			
FSF50P-2A	1/2"-14NPT	Caustic liquid	Stainless steel	
FSF50P-3A	3/4"-14NPT			
FSF50P-1A	1"-11 ¹ / ₂ NPT			

Dimension of the paddle (Unit: mm)



Flow rates

Required to actuate switch (m³/h)

Line pipe size(in.)		1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8
Min. flow	Flow increase R to B closes	1.0	1.3	1.7	3.1	4.1	6.2	8.4	12.9	16.8	46.6
	Flow decrease R to Y closes	0.6	0.8	1.1	2.2	2.8	4.3	6.1	9.3	12.3	38.6
Max. flow	Flow increase R to B closes	2.0	3.0	4.4	6.6	7.8	12.0	18.4	26.8	32.7	94.2
	Flow decrease R to Y closes	1.9	2.8	4.1	6.1	7.3	11.4	17.3	25.2	30.7	90.8

