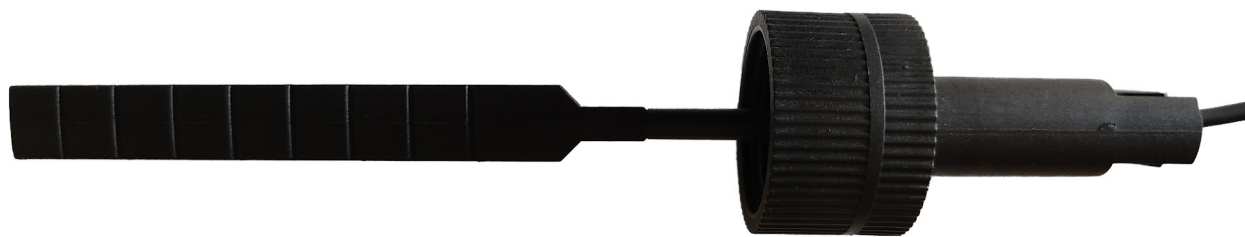




PADDLE FLOW SWITCH

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Standard Paddle Flow Switch



Flow switch consists of magnetic core, rotating impeller, external casing and dry reed pipe. Flow through the sensor activates the magnetic core to trigger switch action, with signal output.

FEATURES :

simple working principle and highly reliable and cheaper price.

APPLICATIONS:

It is used in the control of water circulation, water charging and discharging, water heating, water pump switch on and off of solenoid valve or powering on and off water discharging of electric water heater, solar energy water heater, air condition and other water system.

FLOW SWITCH ELECTRICAL SPECIFICATIONS :

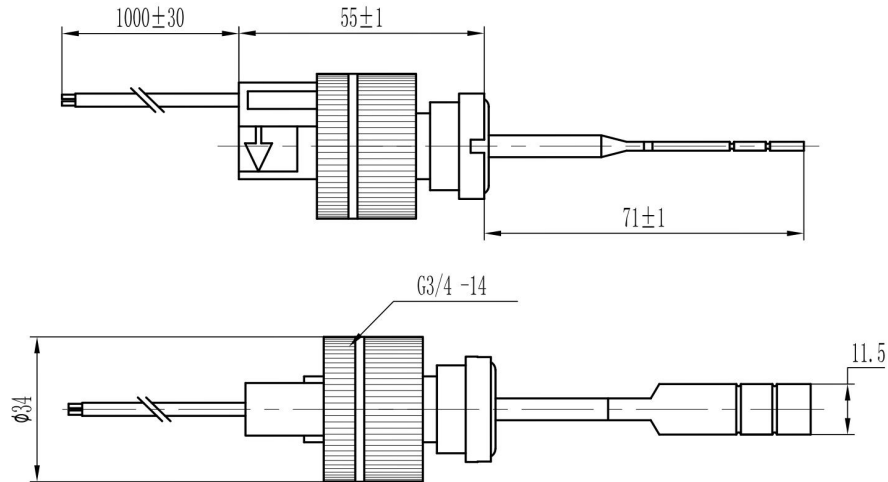
Contact Form	NO (Normally Open)
Max Contact Power	50 W
Max Switch Voltage	350 VDC / 300 VAC
Min Breakdown Voltage	600 VDC
Max Switch Current	0.7 ADC / 0.5 AAC
Max Carry Current	2.5 A
Max Contact Resistance	100 mΩ
Min Insulation Resistance	1010 Ω
Get In Electric Shock Life	107 Ω
Electric Life	1 * 10 ⁷ (5 VDC, 10 mA)

FLOW SWITCH FEATURES :

Mounting Position	Vertical
Operating Temperature	- 10 ~ + 85° C
Applicable Environment Temperature	- 40 ~ + 120° C
Withstand Voltage	1000 V/10 s
Insulation Resistance	100 min
Min Flow Rate	≥ 1.5 L / Min
Max Carry Pressure	1.2 MPa

specification

Customer		Name	Paddle switch	Type	
----------	--	------	---------------	------	--



BOM					Reed switch Electrical Specification		Product features	
No	Part name	Specification	Material	Quantity	1.Contact form	A(NO.)	1.Applicable temperature[]	-10~+85
1	Switch housing	—	PA6+GF15	1PC	2.Contact rating[W]	50	2.Withstand voltage	1000V/10S
2	Main bracket magnet	φ6*8	—	1PC	3.Max switching voltage[V]	DC350/AC300	3.The contact resistance[mΩ]	N/A
3	Main bracket	—	PA6+GF15	1PC	4.Breakdown voltage[V]	600VDC	4.Insulation resistance[MΩ]	100min
4	Cap nut	G3/4-14	PA6+GF15	1PC	5.Max switching current[A]	DC0.7/AC0.5		
5	blade	—	PA6+GF15	1PC	6.Max carry current[A]	2.5		
6	Wire	UL2464 26# 2C	PVC black	1000mm	7.Contact resistance[mΩ]	100max		
7	Filling	5321A black+5323B	epoxy glue	—	8.Insulation resistance[Ω]	10 ¹⁰ min		
8	alignment pin	—	—	1PC	9.Get an electric shock life	10 ⁷		
9	Housing	—	—	—				
10	Reed switch	229	Imported from Japan	1PC	designed by	Checked by	Drawing by	Drawing Date
11	Circuit board	—	—	—				
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Long Paddle Flow Switch



Our Long Paddle flow switch has special switch, used especially for Big Diameter Pipes. Flow switch consists of magnetic core, rotating impeller, external casing and dry reed pipe. Flow through the sensor activates the magnetic core to trigger switch action, with signal output.

FEATURES :

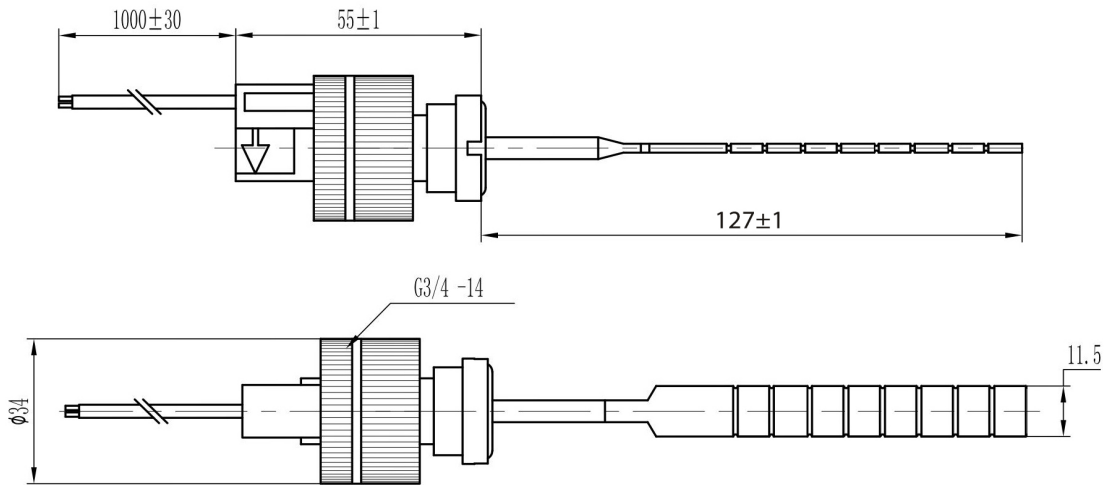
Used especially for Small & Big Diameter Pipes Both (Can cut paddle as per Size Requirements). simple working principle and highly reliable and cheaper price.

APPLICATIONS:

It is used in the control of water circulation, water charging and discharging, water heating, water pump switch on and off of solenoid valve or powering on and off water discharging of electric water heater, solar energy water heater, air condition and other water system.

specification

Customer		Name	Paddle switch	Type	
----------	--	------	---------------	------	--



BOM					Reed switch Electrical Specification		Product features	
No	Part name	Specification	Material	Quantity	1.Contact form	A(NO.)	1.Applicable temperature[]	-10~+85
1	Switch housing	—	PA6+GF15	1PC	2.Contact rating[W]	50	2.Withstand voltage	1000V/10S
2	Main bracket magnet	φ6*8	—	1PC	3.Max switching voltage[V]	DC350/AC300	3.The contact resistance[mΩ]	N/A
3	Main bracket	—	PA6+GF15	1PC	4.Breakdown voltage[V]	600VDC	4.Insulation resistance[MΩ]	100min
4	Cap nut	G3/4-14	PA6+GF15	1PC	5.Max switching current[A]	DC0.7/AC0.5		
5	blade	—	PA6+GF15	1PC	6.Max carry current[A]	2.5		
6	Wire	UL2464 26# 2C	PVC black	1000mm	7.Contact resistance[mΩ]	100max		
7	Filling	5321A black+5323B	epoxy glue	—	8.Insulation resistance[Ω]	10 ¹⁰ min		
8	alignment pin	—	—	1PC	9.Get an electric shock life	10 ⁷		
9	Housing	—	—	—				
10	Reed switch	229	Imported from Japan	1PC	designed by	Checked by	Drawing by	Drawing Date
11	Circuit board	—	—	—				
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FLOW SWITCH MARKET



We Serve Our Products In Following Markets.

Water Management Industry

Swimming Pool

Electric Water Heater Industry

Solar Water Heater Industry

Water Chiller Industry

Air Condition Industry

Hydraulic Pump, Motor, Oil Tank, Oil Coolers

Fire Sprinkler Systems

Industrial Laser Cooling Systems

Water Sprinkler Systems

Clean Room Filter Systems



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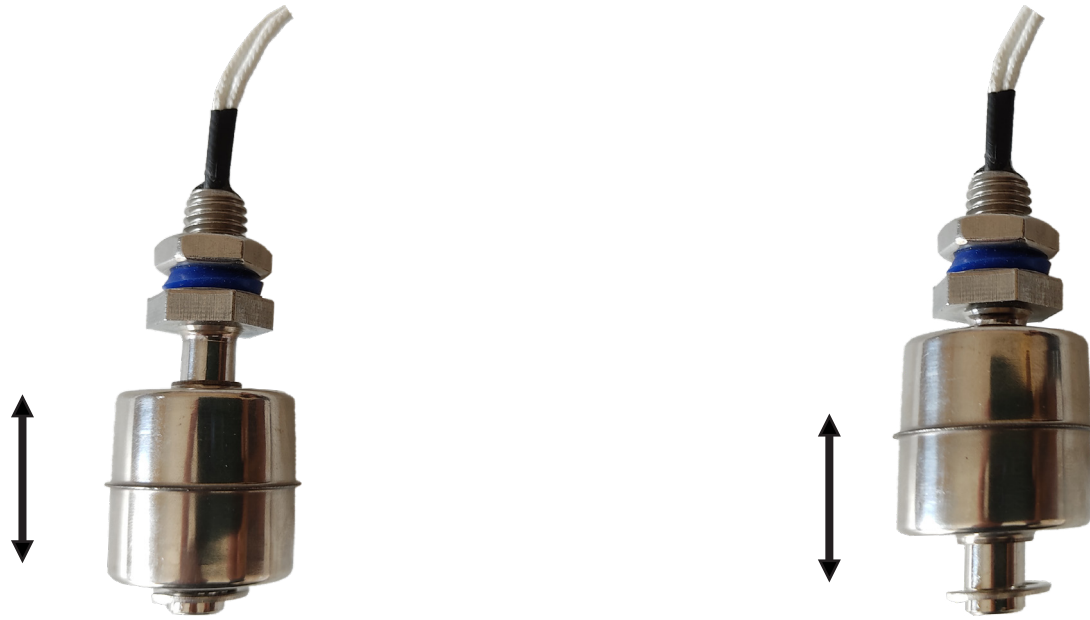


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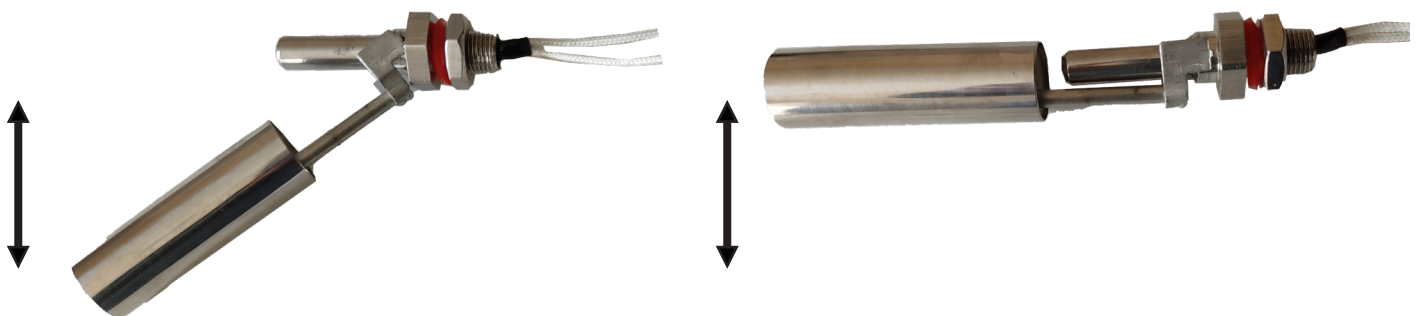
SS Vertical Mounted Level Sensor



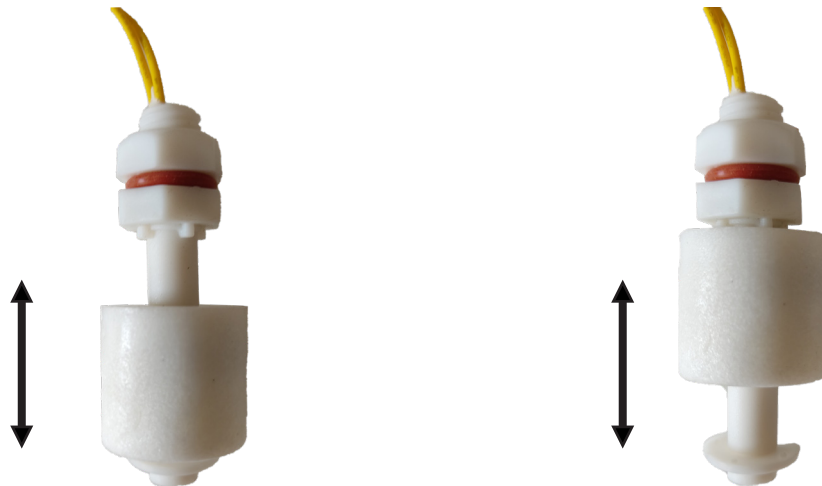
SS Side Mounted Level Sensor



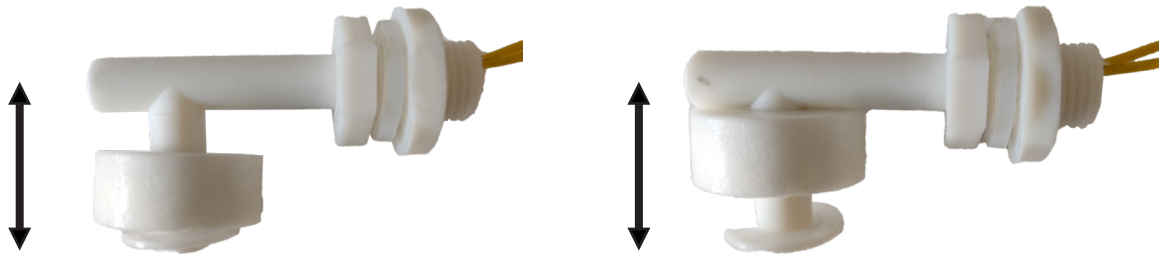
SS Side Mounted Level Sensor-2



Vertical Mounted Level Sensor



Side Mounted Level Sensor



FEATURES :

Classic design, compact size Choice of normal open or normal close Customer can define activated distance, cable length and connector Hermetically sealed, suit to tough environment and long life Widely used in liquid level control, air conditioning system, industrial process control.

APPLICATIONS:

Air conditioner, household appliances, equipment water level control switch, liquid level sensor.

SPECIFICATIONS :

Data Scan:	1A1	2A1
Max Contact Rating	10W	50W
Max Switching Voltage	100VDC	220VDC
Max Switch Current	0.5A	1.5A
Mac Breakdown Voltage	220VDC	300VDC
Max Carry Current	1.0A	3.0A
Max Contact Resistance	100mΩ	100mΩ
Temperature Rating	-30~+125°C	



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Vertical Mounted Flow Switch



OPERATION :

Flow switch is mainly used in the system to instruct switch on/off according to flow rate. To set a constant and lowest flow point in the flow switch, when the flow rate runs to the set value, switch on and the system will work, once the flow rate is less than the set value, switch off.

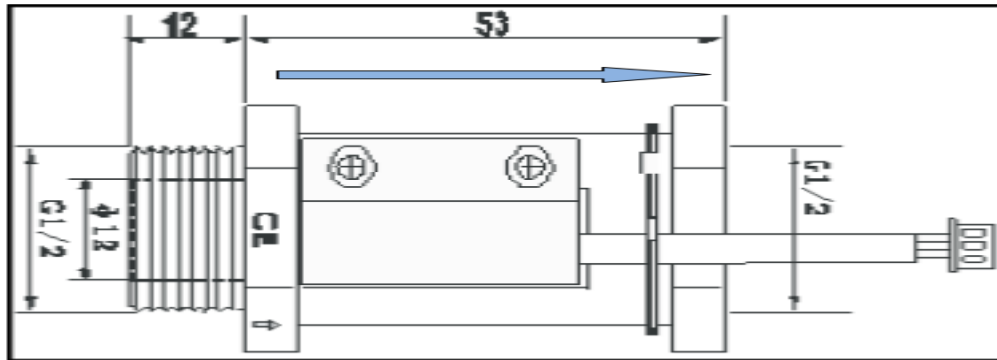
FEATURES :

No wearing and fatiguing parts applied, featuring stable performance and long service time.
Full nylon structure, various liquid corrosion resistances.
It could be installed vertically.
Max pressure is 1 Mpa.

APPLICATIONS:

The switch can be widely used in water heater, water treatment for environmental protection, Heat pump, water heater, welding equipment, laser equipment and some other systems for monitoring.

SPECIFICATIONS :



Electrical Characteristics	Units	
Material		NYLON
Ring Material		NYLON
Tempe Rating	`C	-30~+85
Max Pressure	MPa	1
Minimum Flow Rate	L/Min.	5 L
Max Flow Rate	L/Min.	30 L
Max Contact Rating	W	10 70
Max Switching Voltage		≤230
Max Switching Current	A	0.5
Max contact Resistance	mOhm	200
Electrical Life (at Resistance load)	VDC/mA	1.5x10 ⁷ (20/500)
Cable Type		UL1007-AWG22
Cable Length	mm	254
Cable Color		Black



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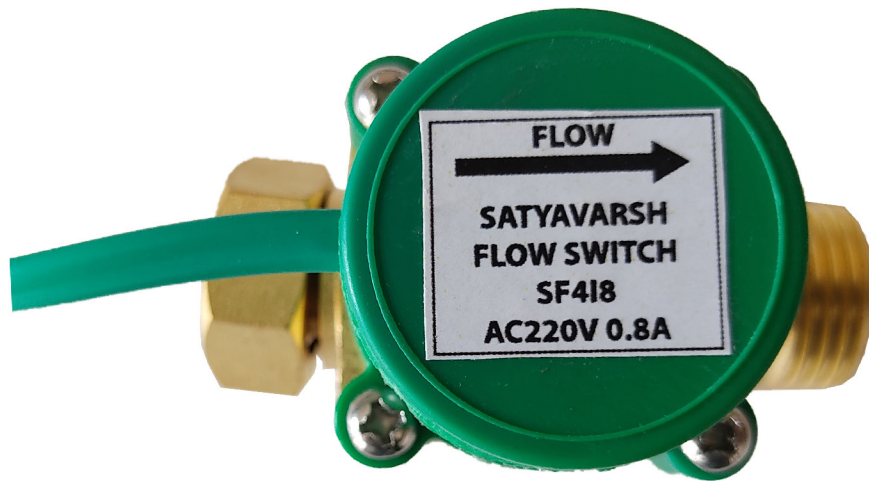
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BOOSTER PUMP FLOW SWITCH

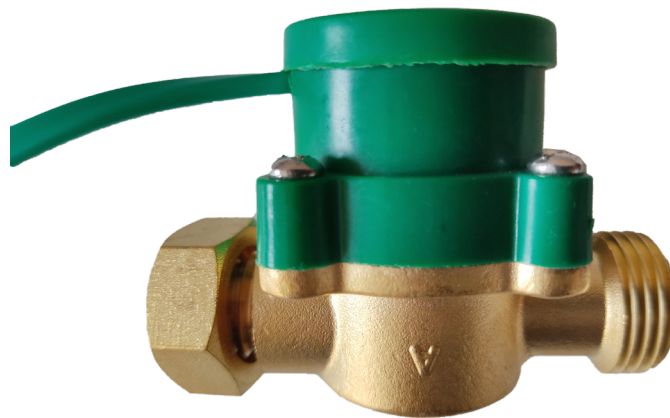
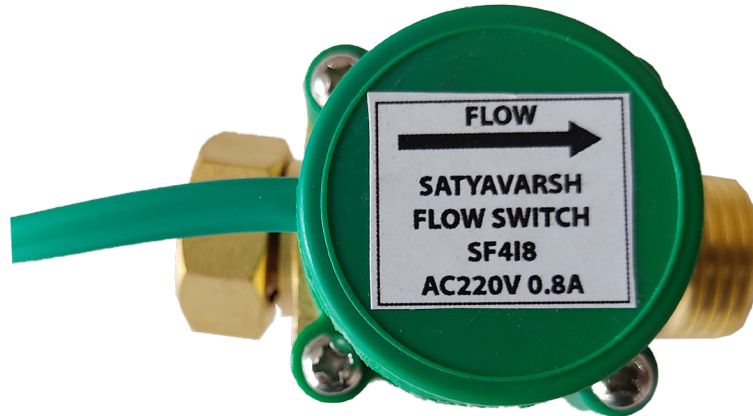
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Booster Pump Flow Switch



SPECIFICATIONS :

Screw size	Pipe connect port	Pumo Connect port	power	current
1/2" --1/2"	20mm	20mm	120 W	1.5 A
3/4" ---1/2"	25mm	20mm	120 W	1.5 A



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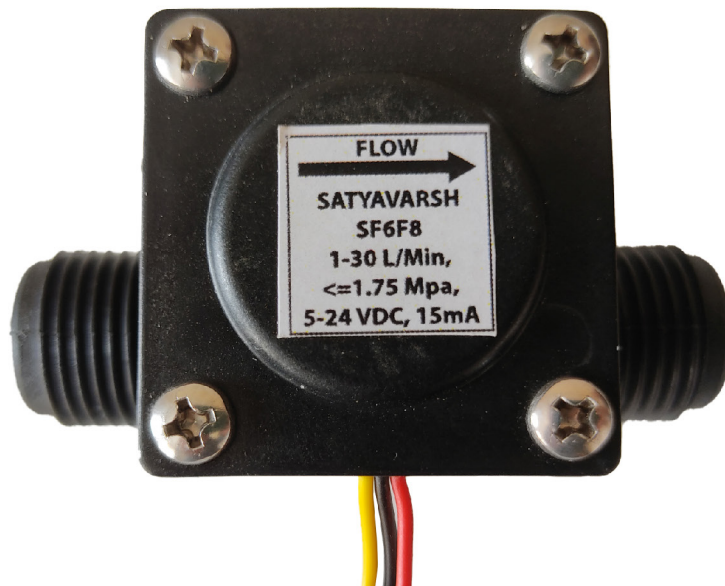
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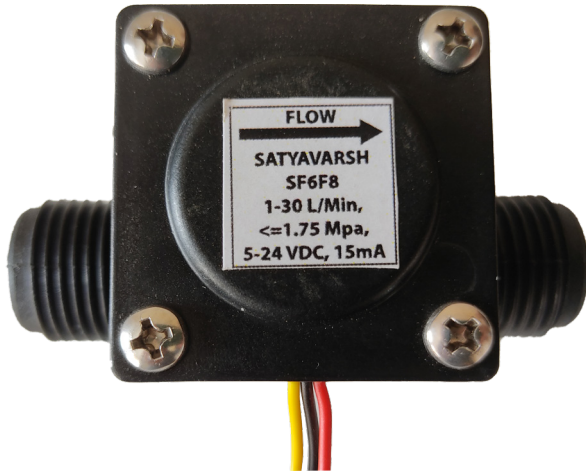
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FLOW SWITCH ELECTRICAL SPECIFICATIONS :

Electrical Characteristics	Units	
Material		NYLON
Ring Material		NYLON
Tempe Rating	° C	-30~+85
Max Pressure	MPa	1
Minimum Flow Rate	L/Min.	1 L
Max Flow Rate	L/Min.	30 L
Max Contact Rating	W	10 70
Rated Voltage	VDC	≤230
Max Switching Current	A	0.5
Max contact Resistance	mOhm	200
Electrical Life (at Resistance load)	VDC/mA	1.5x10 ⁷ (20/500)
Cable Type		UL1007-AWG22
Cable Length	mm	254
Cable Color		Black

FLOW SWITCH FEATURES :

Specifications	
Rated Voltage	5-24VDC
Rated Current	15mA
Flow Characteristics	F=8Q-3
Product Precision	1 L/Min - 8% , 2-30 L/Min ± 5%
Working Temperature	0 ~+85 °C
Storage Temperature	-40 ~ +125 °C
Max Pressure	1 MPa
Wire	1007 24AWG



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Vertical Mounted Flow Sensor



FEATURES :

No wearing and fatiguing parts applied, featuring stable performance and long service time.
Full nylon structure, various liquid corrosion resistances.
It could be installed vertically.
Max pressure is 1 Mpa.

APPLICATIONS:

The switch can be widely used in water heater, chillers and other circulating water system.

SPECIFICATIONS :

Electrical Characteristics	Units	
Material		NYLON
Ring Material		NYLON
Tempe Rating	`C	-30~+85
Max Pressure	MPa	1
Minimum Flow Rate	L/Min.	1 L
Max Flow Rate	L/Min.	30 L
Max Contact Rating	W	10 70
Max Switching Voltage		≤230
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