



PADDLE FLOW SWITCH

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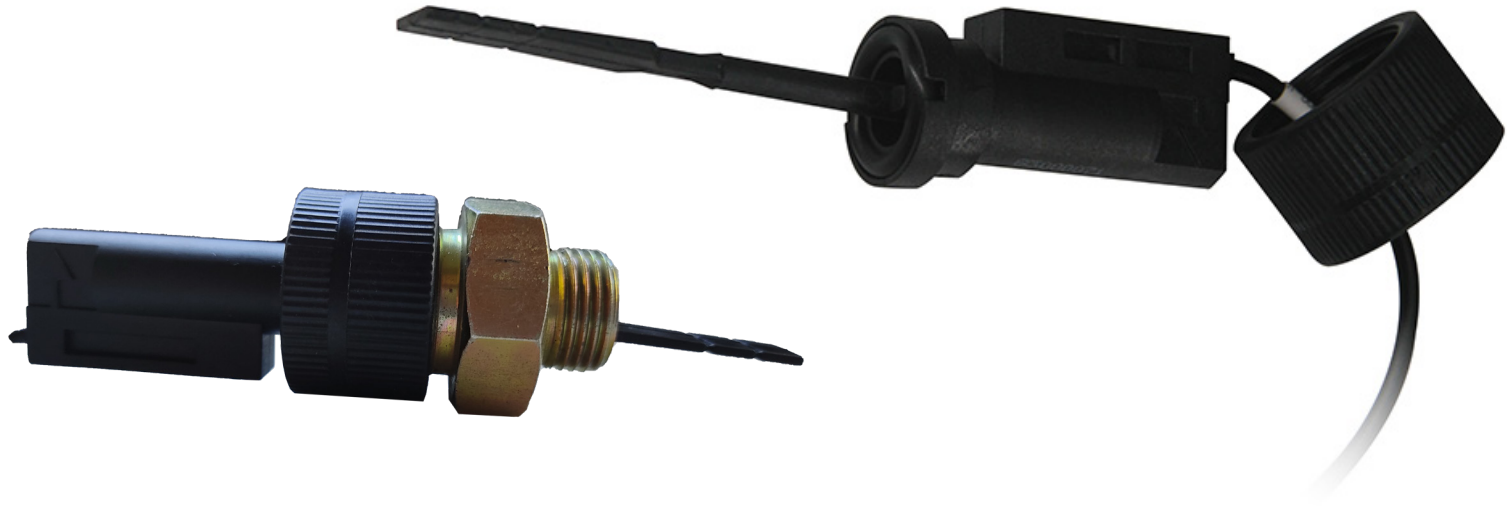


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Flow Switch



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 :

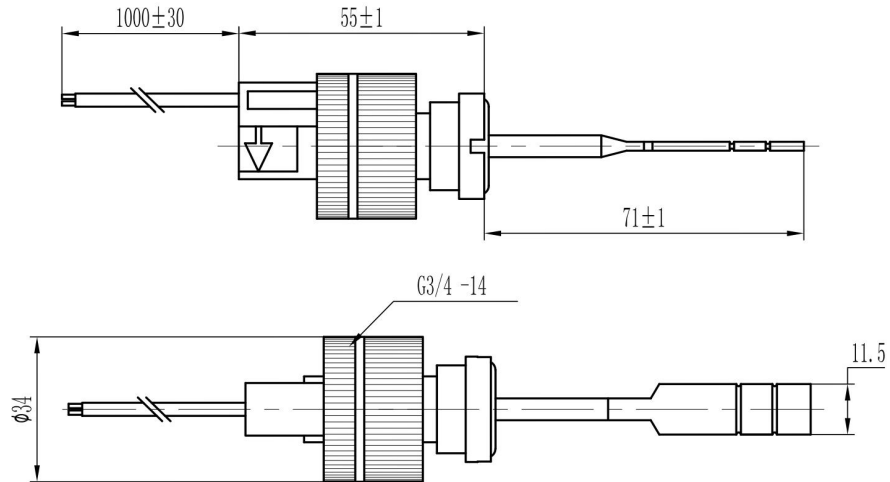
Contact Form	NO (Normally Open)
Max Contact Power	50 W
Max Switch Voltage	350 VDC / 300 VAC
Min Breakdown Voltage	600 VDC
Max Switch Current	0.7 ADC / 0.5 AAC
Max Carry Current	2.5 A
Max Contact Resistance	100 mΩ
Min Insulation Resistance	1010 Ω
Get In Electric Shock Life	107 Ω
Electric Life	1 * 10 ⁷ (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	
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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	Ø6*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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