

## BW Series

### Flow Switch



A water flow switch is a device designed to monitor water flow within a system and activate a specific action when a predetermined flow rate is reached. This water flow sensor offers an accurate and cost-effective solution for set-point flow monitoring, utilizing reed switch technology to provide a straightforward make-or-break signal indicating the presence or absence of flow. The water flow sensor switch can be installed in either a vertical or horizontal orientation, based on user preference. Capable of operating in both cold and hot water environments up to 100°C, this versatile water flow transducer is ideal for applications in HVAC, coolant systems, medical equipment, welding, and various other fields. This water flow switch capabilities make it a reliable choice for diverse applications.

#### Key Features:

Multiple mounting options: can be mounted vertically or horizontally.

Different connecting options: barbed connector or threaded connector with different sizes.

Wide range of application with working temperature up to 100°C.

Max pressure up to 1.5Mpa.

#### Major application:

Water heater, Chiller, circulating water system

Items		Unit
Pressure(max)	1.5	Mpa
Volume(max)	30	L/min
Contact rating(max)	70	W
Switching current(max)	1	A
Switching Voltage(max)	240	V
Contact resistance(min)	200	mOhm
Start up volume	1.2	L/min
Operate volume	12	L/min

Mechanical Data	Plastic Flow Switch	Stainless Steel Flow Switch
Housing Material	Nylon/ PA/ POM	Stainless steel/ Brass
Housing Form	G 1/2 BSP	G 1/2 BSP
Housing Color	Black	Silver
Cable Material	UL1007-AWG24	UL1007-AWG24
Operating Temp	-30°C-85°C	-30°C-100°C

Reference Drawing (Different sizes are available, please contact BST for more sensor information)

