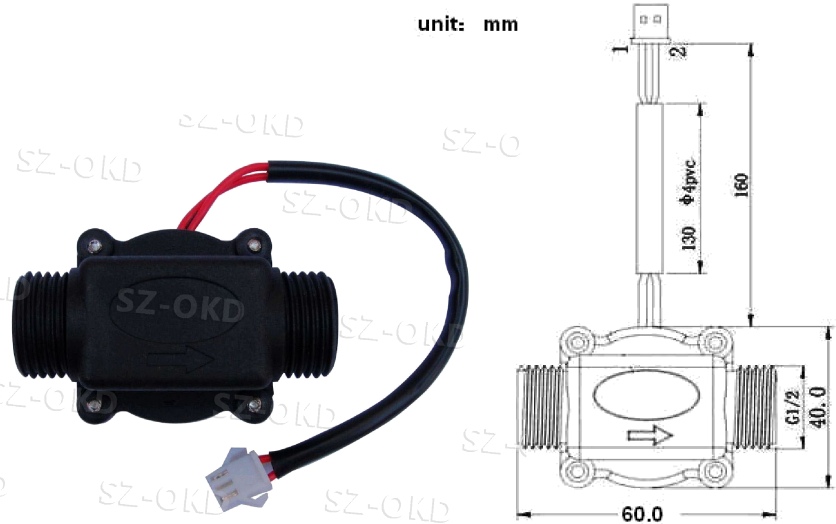




### The principle of operation

Flow switch is the presence or absence of flow through the output switch control signal to the water sensor switch, the main switch signal. Divided into specific types normally open and normally closed type, in the main water control work flow monitoring role to play. Water flow switch and relay use with the usual components of the water control system, easy to use, no power is the flow switch on.



### Installation instructions

- 1, flow switch installation environment to avoid strong vibration, and shaking with the local magnetic environment, in order to avoid the flow switch malfunction. In order to avoid particles, debris into the water flow switch must be installed in the inlet filter.
- 2, when the magnetic material close to the water flow switch, its characteristics may change.
- 3, flow switches, relays must be compatible with use, as less power reed switch (typically 10W and 70W) easy to burn. Relay maximum power 3W, 3W power will be greater than the normally open and normally closed phenomenon.

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|    |  |  |
|----|--|--|
| 1  | Max water pressure                       | 1.6Mpa   |
| 2  | max switching voltage                    | 100VDC(DC voltage)   |
| 3  | Insulation resistance                    | > 100MΩ  |
| 4  | Electric strength                        | > 600VAC,Duration of the leakage current 3MA 5S  |
| 5  | Max carry current                        | 1.0A   |
| 6  | Working flow range                       | 1~30L/MIN  |
| 7  | Start water flow                         | ≤0.2L/MIN  |
| 8  | Low temperature test                     | In the temperature of -20 °C 72h,at room temperature 1h, the first measurement accuracy of within ± 5% |
| 9  | High temperature test                    | In the temperature of 85 °C 72h,at room temperature 1h, the first measurement accuracy of within ± 5%  |
| 10 | Application of environmental temperature | -40~150°C  |
| 11 | Max carry contact rating                 | 10W  |
| 12 | Min breakdown voltage                    | 220VDC(DC Voltage)   |
| 13 | Response time                            | 0.2S   |