

Flange Flow Switch

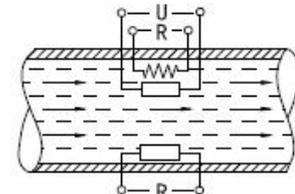
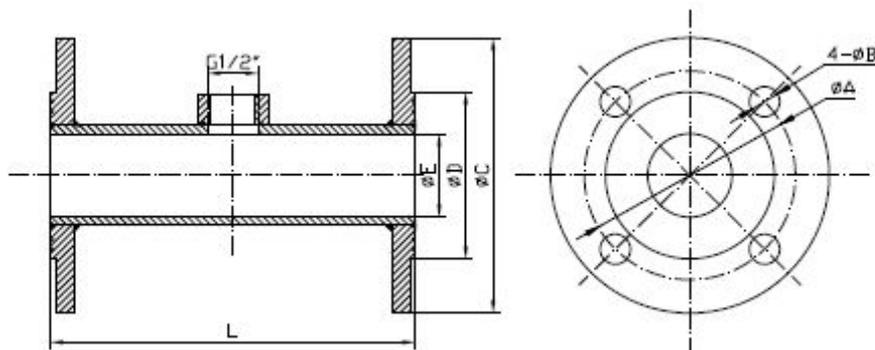
1. Thermal Flow Switch

The flow switches feature thermal dispersion technology in which the temperature difference is greatest in a no-flow condition and decreases as flow increases, cooling the heated RTD. Changes in flow velocity directly affect the extent to which heat dissipates and, in turn, the magnitude of the temperature difference between the RTDs.

An electronic control circuit converts the RTD temperature difference into a DC voltage signal. Both of these signals are provided at output terminals and are used to drive two adjustable-setpoint alarm circuits. Both alarms are independently field configurable for flow, liquid level/interface or temperature operation.

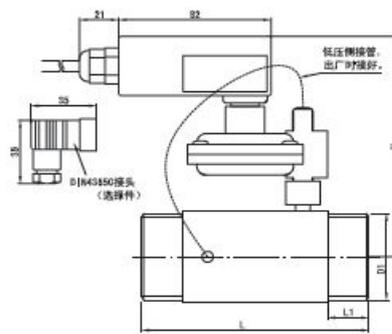
Specification:

1. Measure Range: 1cm/s ~ 150cm/s(Water);
2. Power Supply: DC24V, 220VAC
3. Output: Relay; 3 wire NPN; 3 wire PNP; Replay switch;
4. Working Temperature: -25C ~ 80C
5. Max Pressure: 100bar 10Mpa
6. Connection: G1/2"
7. Protect Grade: IP67
8. **Flange Size:** DN25~DN150



2. Differential Pressure Type:

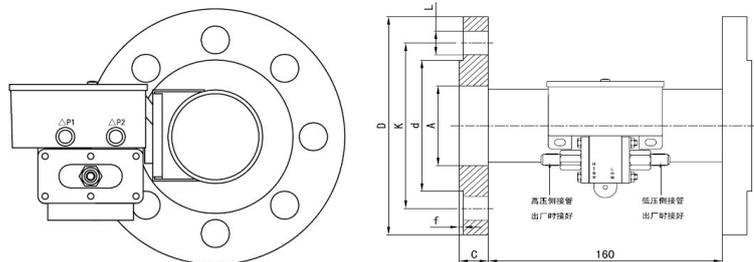
The Differential Pressure Switch is a new type flow switch, when the water flow (differential pressure) in system rises up or falls down to one set value, it will output a warning or sent switch-off signal to automatic control system. And it could also be used to indicate the status of pump or water filter.



It could avoid the shortcomings of annual inspection or changing target flow switch for water chiller unit so it could be applied widely in the water protection, status feedback of pump and by-pass control of differential pressure in evaporator and condenser in medium and large sized water chiller unit.

Specification:

- * Protection Grade IP54
- * Media Temperature -20~93 C
- * Environmental Temperature -20~71 C
- * Output 10A; 125/250V AC
- * Max Static Pressure 16 Bar (30bar could be custom-made)
- * Metering Substances Gas, Water (If special substances, please declare)
- * Cable 1.5m, 2×0.5mm²
- * Main Materials Brass or Stainless Steel
- * **Flange Size:** DN25~DN150



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