

## Thermal Flow Switch RH302 Series



### Product Features:

1. Stainless steel body structure, ANSI 316L Material
2. LED indication
3. Sensor length is optional
4. Short circuit protection, reverse polarity and overload protection
5. No moving parts, easy to maintain
6. Easy to install, M12 connector output
7. Various pipes can use only one type of sensor
8. The set-point can be adjust continuous
9. Almost no pressure loss
10. Protect level Ip67

### Applications::

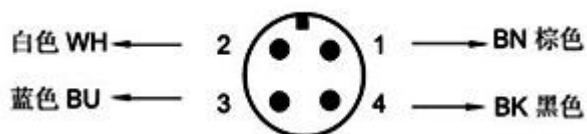
Shut-off system	Coolant	Recycled water	Cutting fluid	Lubricating oil
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### Specification:

Measure range	Water:3--300cm/s; Air:200--3000cm/s; Oil:3--300cm/s
Accuracy	±1~±10cm/s
Settling time	3 minutes
Pressure	100Bar
Media temperature	-20℃~80℃
Process connections	G1/2、 G1/4 Male thread / M18*1.5 Female thread
Output signal	PNP / NPN / Relay / 4~20mA
Power	24VDC、 110VAC、 220VAC
Sensor length	15mm、 20mm、 30mm、 40mm、 50mm、 60mm
Consumption current	<60mA
Setting	Potentiometer
Response time	2(2~10)s
Load	Relay:30VDC/5A,250VAC/5A
Max. temp gradient of medium	300K/min
Output protect	Reverse/Short/Overload
Protection	IP67

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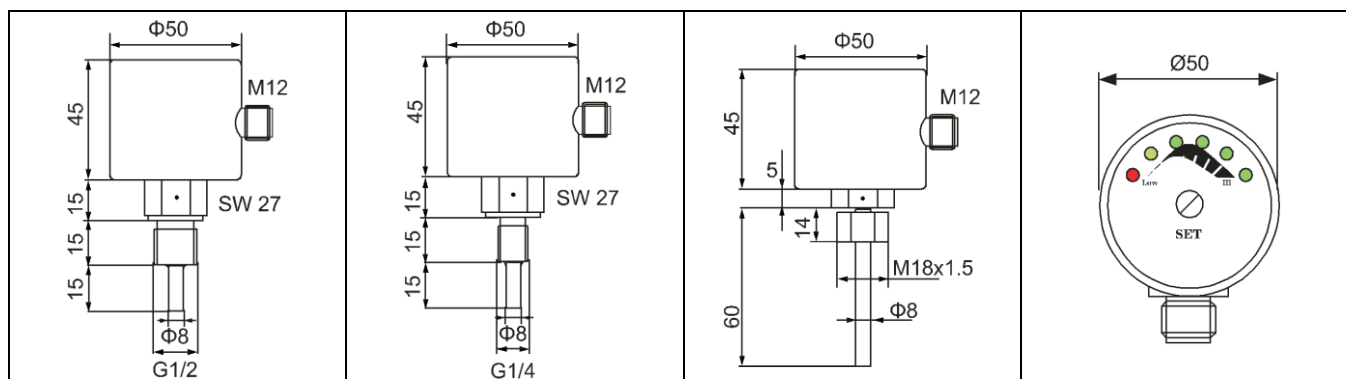
### Electrical connection diagram



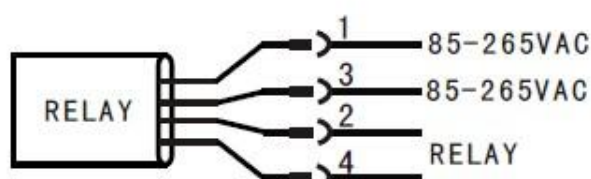
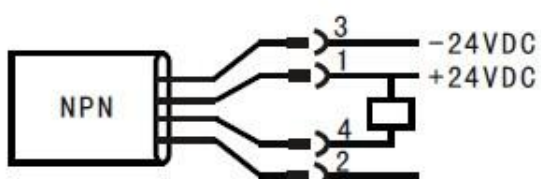
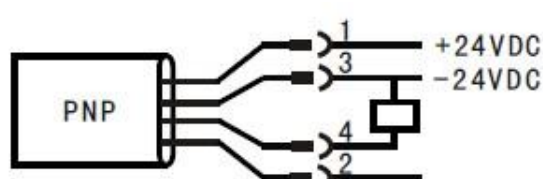
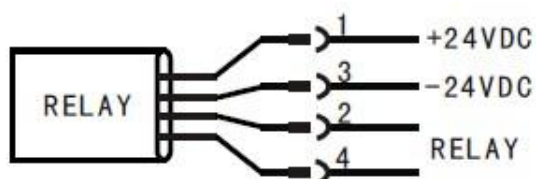
### Cable color

信号	+Ub	0V	S1	S2
线色	棕	蓝	白	黑
4针pin	1	3	2	4

### Dimensions: (mm)



### Electrical wiring diagram:



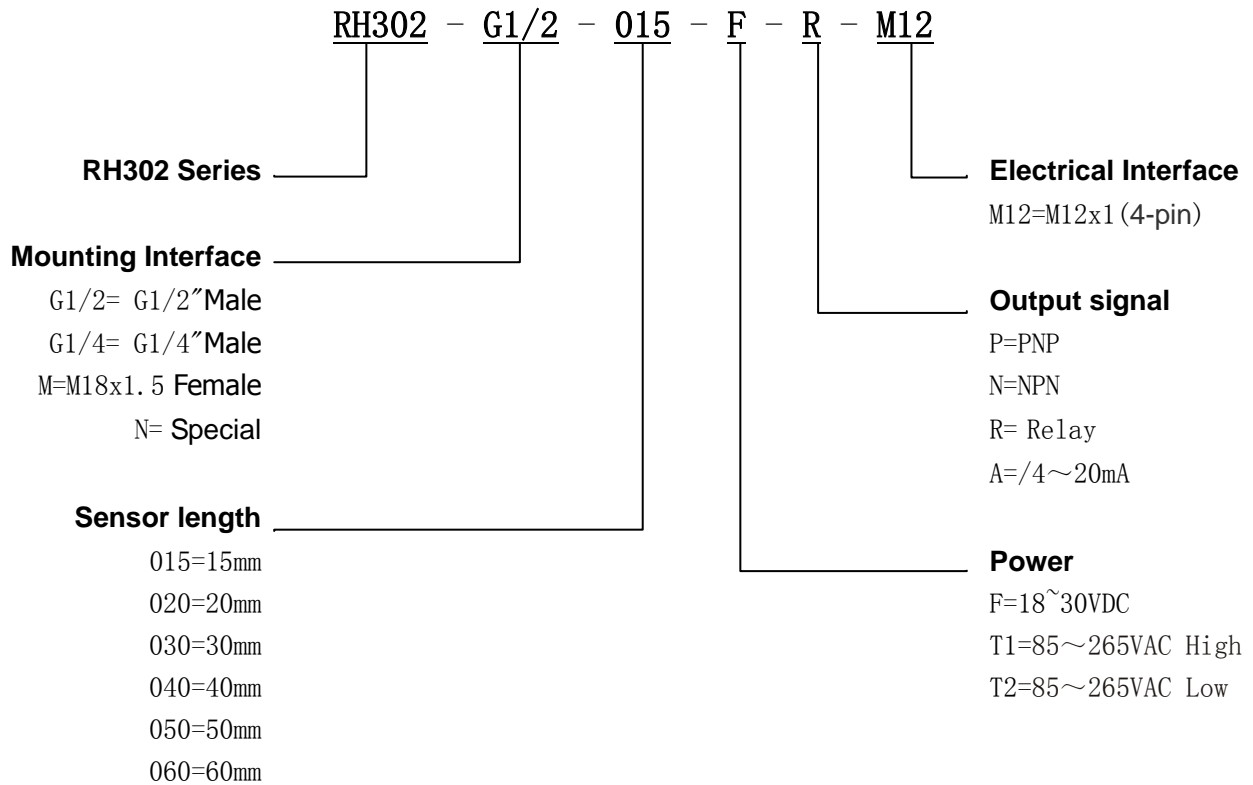
### Special Note:

85 ~ 265VAC/120 ~ 370VDC power supply can not be both high and low action, so please pay special attention in the selection of this content.

24VDC power supply, brown connected to the positive and blue to the negative flow switch transistor or relay output default is higher than the set point conduction or action; Conversely connected to the positive blue, brown, then negative, flow switch transistor or relay output is below the set point conduction or action.

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### Order Code:



**For example:** RH302-G1/2-015-F-R-M12