

Thermal Flow Switch RH303 Series



Product Features:

1. Stainless steel body structure, ANSI 316L Material
2. 7 segment 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. Power pros access can be realized in two different operating states
11. Wide power supply, easy to operate
12. 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	20~30VDC、 85~265VAC		
Sensor length	15mm、 20mm、 30mm、 40mm、 50mm、 60mm		
Consumption current	<80mA		
Setting	Potentiometer		
Response time	2(2~10)s		
Load	Current:250mA	Relay:30VDC/5A,250VAC/5A	
Max. temp gradient of medium	300K/min		
Output protect	Reverse/Short/Overload		
Protection	IP67		

Cable color

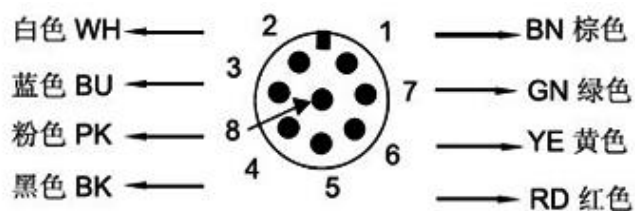
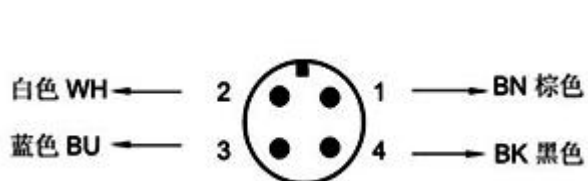
信号	+Ub	0V	S1	S2	S3	S4	S5	S6
线色	棕	蓝	白	黑	红	黄	绿	粉
4针pin	1	3	2	4	5	6	7	8

TEL: +86-021-56419883

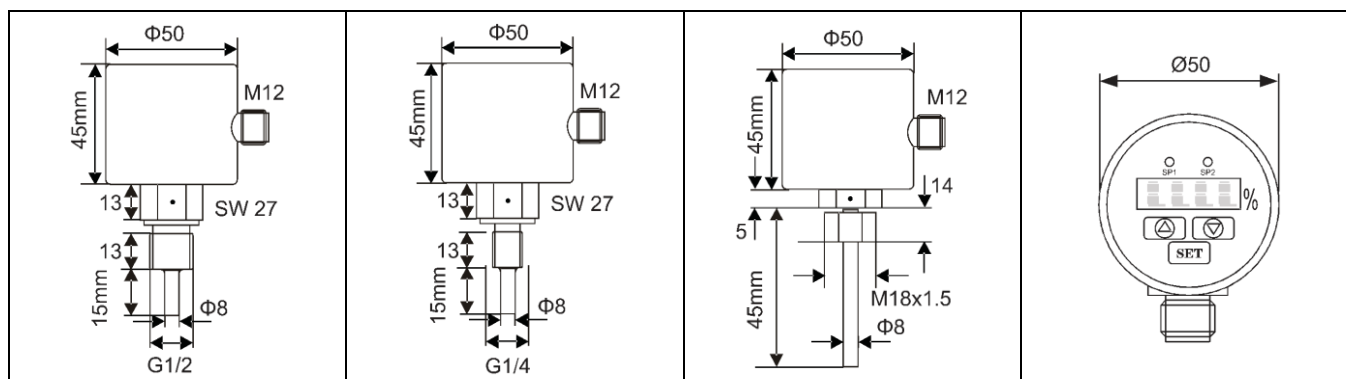
RH303 Series

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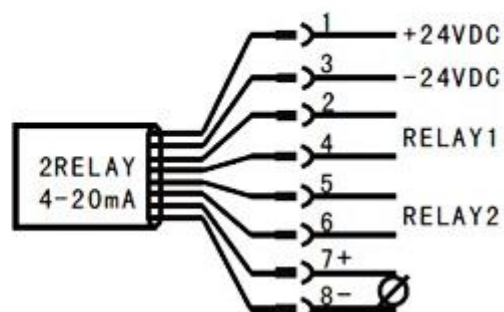
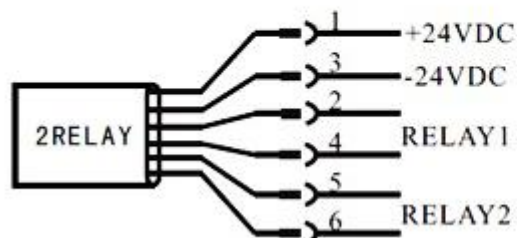
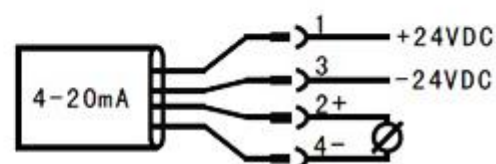
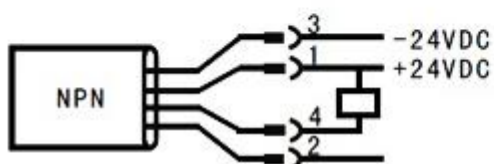
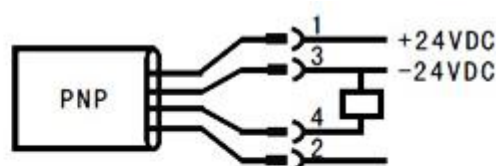
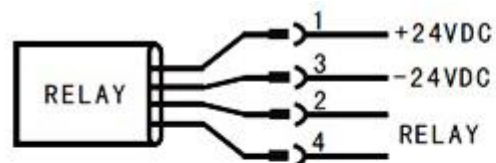
Electrical connection diagram



Dimensions: (mm)



Electrical wiring diagram:

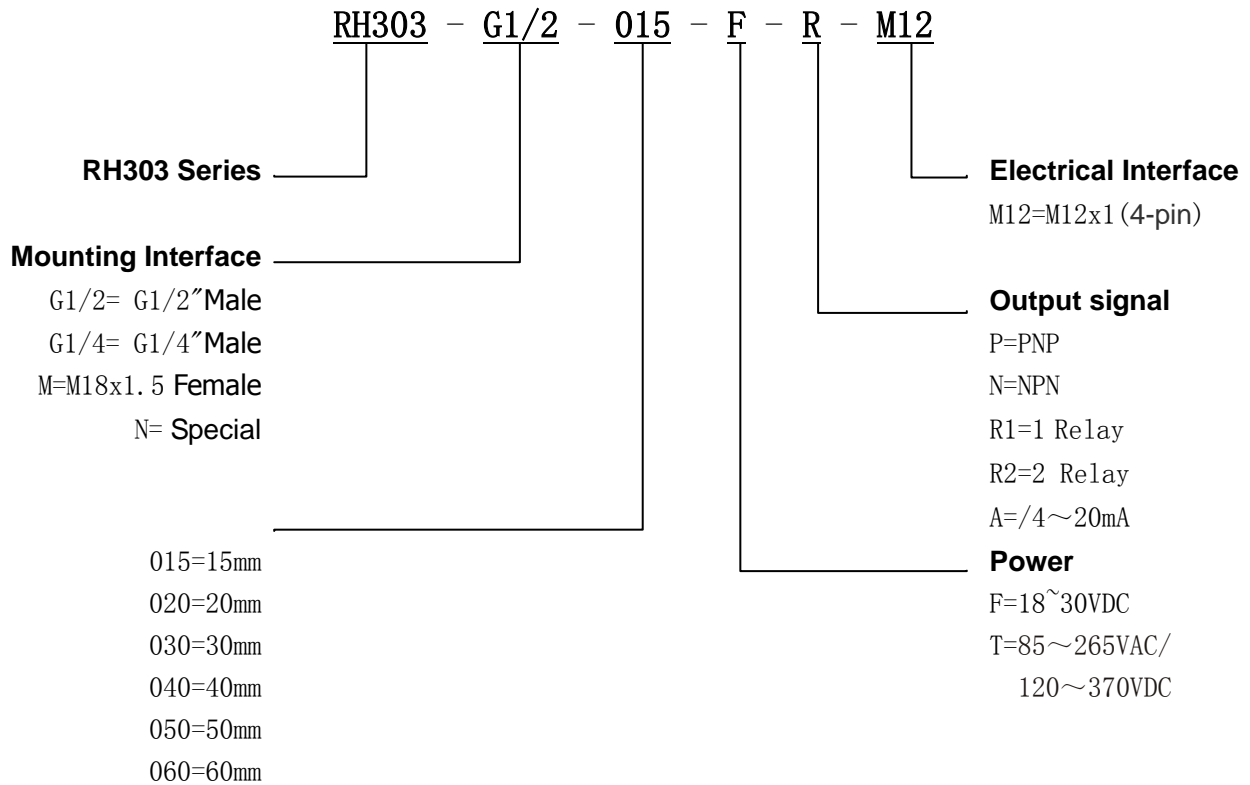


Special Note:

The above wiring diagram common wiring details, refer to the instructions that came with the goods; The RH303 series thermal flow switch up to 2-way switch plus 1 analog output.

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Order Code:



For example: RH303-G1/2-015-F-R-M12