

Расходомеры тепловые массовые погружного типа

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Тула (4872)74-02-29
Тюмень (3452)66-21-18
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Челябинск (351)202-03-61
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GAS MASS FLOW METER/CONTR



Insertion Type Thermal Mass Flowmeter

Features:

1. Measuring the mass flow or volume flow of gas
2. Do not need to do temperature and pressure compensation in principle with accurate measurement and easy operation.
3. Wide range: $0.5\text{Nm/s} \sim 100\text{Nm/s}$ for gas. The meter also can be used for gas leak detection
4. Good vibration resistance and long service life. No moving parts and pressure sensor in transducer, no vibration influence on the measurement accuracy.
5. Easy installation and maintenance. If the conditions on site are permissible, the meter can achieve a hot-tapped installation and maintenance. (Special order of custom-made)
6. Digital design, high accuracy and stability
7. Configuring with RS485 or HART interface to realize factory automation and integration



Product features

- ▶ 1) High accuracy (regular accuracy $\pm 1\%R$, $\pm 0.5\%R$, highest accuracy $\pm 0.2\%R$)
- ▶ 2) Good repeatability (short-term one reaches 0.05%–0.2%)
- ▶ 3) High frequency (3-4kHz) can be achieved, and has high resolution.
- ▶ 4) Wide rangeability: medium or large diameter may reach 1:20, and small diameters are 1:10.

You may have encountered these problems if you have not chosen thermal flowmeter



Data fluctuation

In the calculation process, thermal flowmeter will be affected by vibration. Without the seismic design of the flowmeter, the measurement accuracy is difficult to guarantee.



Pipe leak

Thermal flowmeter are often used for the measurement of hazardous media and high-temperature media. Once they are not done well, they cause pipeline leakage, and the consequences are unimaginable.



After-sales

After some merchants sell the products, regardless of the product installation and after-sales, the customer can not install the flowmeter and cannot use it.



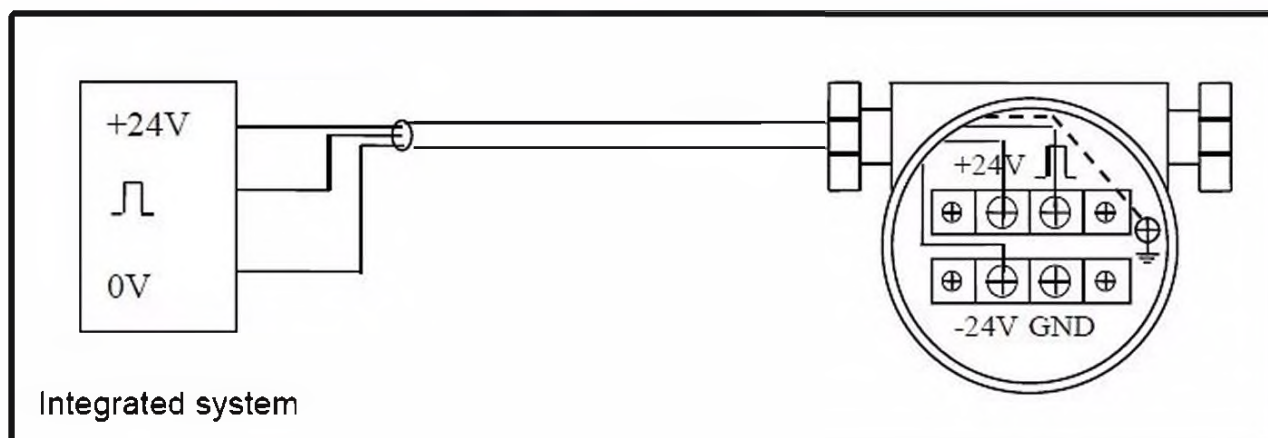
Unqualified

Thermal flowmeter, often used for cost settlement, poor quality vortex flowmeter will cause data inaccuracy, resulting in the failure to calculate the correct cost

PRODUCT WIRING DIAGRAM

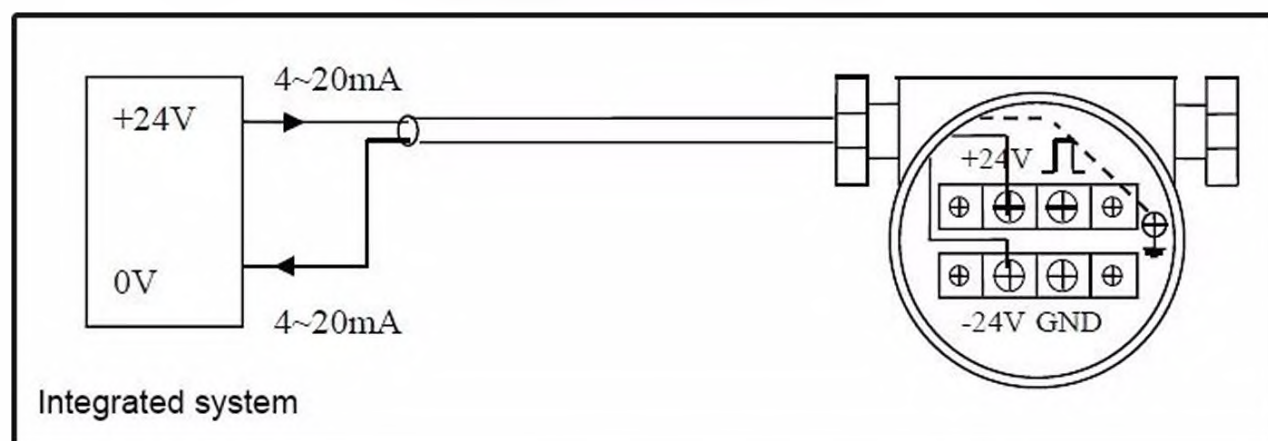
PULSE SIGNAL OUTPUT

Three-wire sensor for outputting frequency signals is powered by DC24V or DC12V



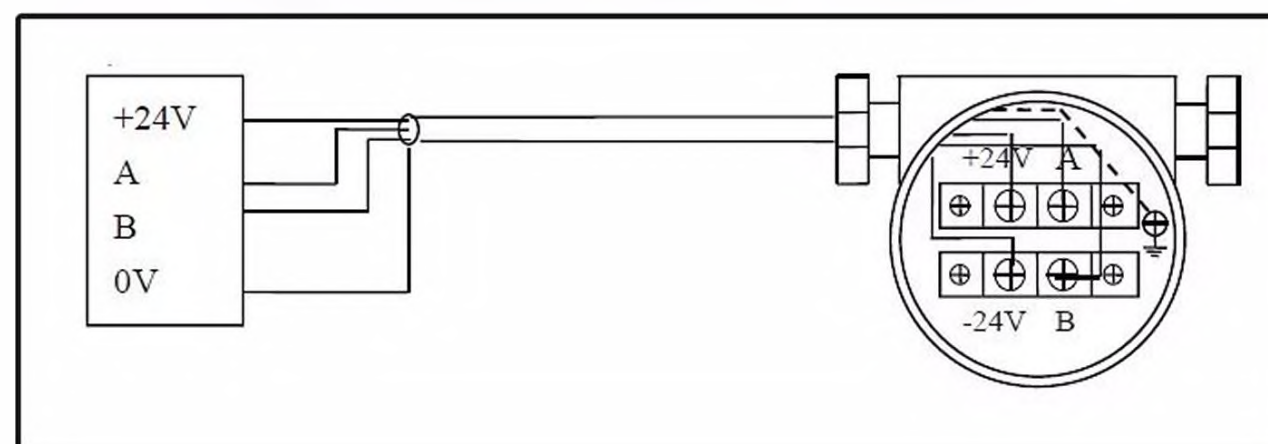
STANDARD 4-20mA CURRENT SIGNAL OUTPUT

Two-wire system with standard output 4-20mA current signal is powered by DC24V power supply



RS485 COMMUNICATION SIGNAL OUTPUT

Thermal flowmeter with RS485 communication function adopts DC24V power supply and four-wire transmission mode between other devices



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