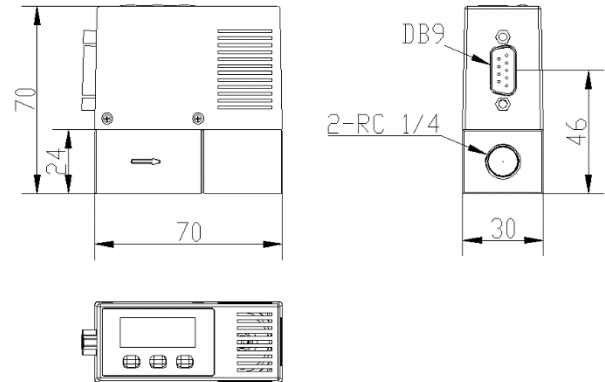


AMC2000 Mass Flow Controller



3. Dimension



Unit: mm

1. Product Summary

AMC2000 Mass Flow Controller (MFC), is a device for precise measurement and control of gas flow. AMC2000 adopts self-developed MEMS mass flow chip, which is very accurate and stable, and has the advantages of high and low temperature resistance, good linearity, and fast response time.

AMC2000 mass flow controller is calibrated before delivery, the range, accuracy, repeatability, response time... are all calibrated.

2. Key Features

- ◆ Measurement range: 0~100mL/min
- ◆ Good repeatability
- ◆ High stability and reliability
- ◆ Various gas measurements
- ◆ Standard Modbus RTU communication
- ◆ Measure flow and temperature simultaneously and be able to control flow.

4. Technical Parameters

| | |
|----------------------|-----------------------|
| Measurement range | 0~100mL/min(standard) |
| Accuracy | ±3%FS |
| Typical power supply | 2W@24V |
| Working voltage | 24V DC |
| Working current | <120mA |
| Communication mode | RS485/analog voltage |

5. Applications

AMC2000 can be used to monitor and control the mass flow of air, nitrogen, argon, carbon dioxide, helium, oxygen and other dry, clean and non-corrosive gases (except for flammable and explosive gases). It can be widely used in university scientific research, fire protection, environmental monitoring, tobacco, smart agriculture, food, medicine and other industries.



Guangzhou Aosong Electronic Co., Ltd.

Tel: +86 20-89850036

Fax: +86 20-89852796

Email: inquiry@aosong.com

Web: www.aosong.com

Add: No.17, Yunjun Road, Huangpu District, Guangzhou, China

www.asairsensors.com