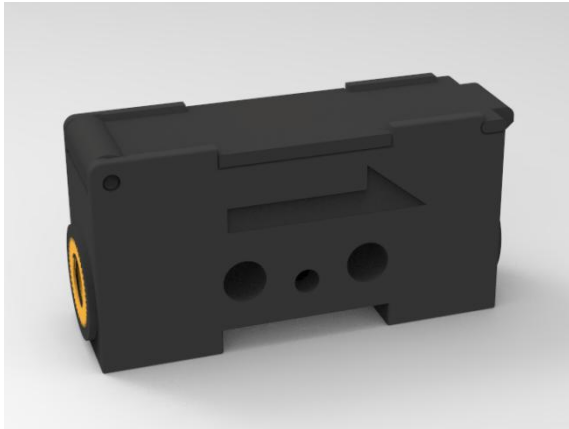


AFM0200 Micro Flow Sensor



1. Product Summary

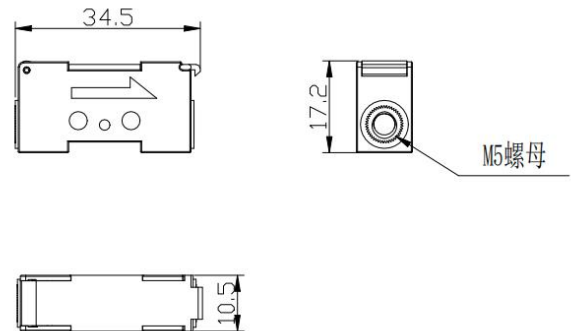
AFM0200 is Micro flow sensor with high measurement accuracy, good repeatability, long-term stability and it's fully calibrated. AFM0200 uses the flow chip independently developed and produced by Aosong, and adopts the heat transfer principle to measure the gas flow.

AFM0200 is very small and suitable for various scenarios. This micro flow sensor has passed strict factory calibration and directly outputs the detected result.

2. Key Features

- ◆ Compact and easy to use
- ◆ Measurement range: 0~3L/min
- ◆ Analog voltage output
- ◆ Excellent long-term stability
- ◆ Fast response time, quick recovery, and strong anti-interference ability
- ◆ Power supply: 12~24V DC

3. Dimension



Unit: mm (unmarked tolerance: ± 0.3 mm)

4. Technical Parameters

Working voltage	12~24V DC
Measurement range	0~3L/min
Accuracy	$\pm(3\% \text{ Readings})$
Range of working pressure	-100KPa~200KPa
Output	Analog voltage 1~5V DC
Response time	5ms

5. Applications

AFM0200 can be used for measurement and control of suction flow such as gas detectors and air samplers, purging and cooling flow management in equipment such as wire bonding machines; adsorption of tiny electronic components and optical components, installation confirmation and others.



Guangzhou Aosong Electronic Co., Ltd.

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

Tel: +86 18122702030 Fax: +86 20-89852796

Email: inquiry@aosong.com

Web: www.aosong.com/en, www.asairsensors.com