

FMM501A mass series mass flowmeter / controller

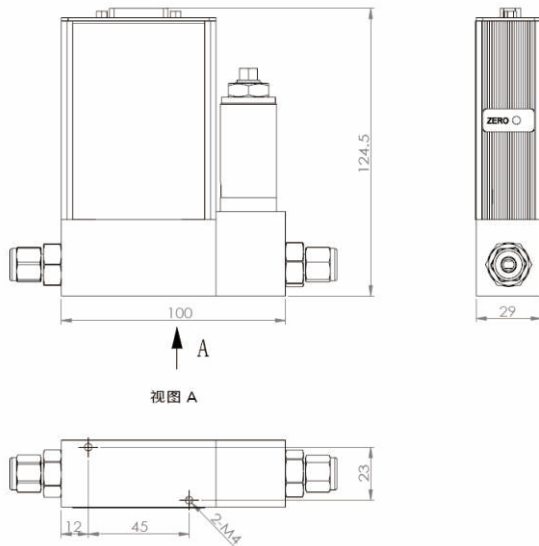
- Accuracy±1%
- Linear analog output
- Low cost
- Using thermal sensing technology
- Up to 200 SLM

FMM501A massseries is a direct measurement of gas mass flow using capillary heat sensing technology. There is no need for temperature and pressure correction. Products with high precision and low cost are widely used in different fields.

application

- Gas flow measurement / control
- Medical equipment
- Glass industry
- Vacuum coating
- Analysis instrument
- fuel cell
- Atmospheric detection
- metallurgy
- environmental protection
- Gas preparation
- Solar energy

Product size diagram



Specification sheet

Technical indicators	FMM501A-FC	FMM501A-FM
Range	0~2SCCM-200SLM	
Accuracy	±1% F.S	
	temperature ±1°C	
linear	±0.5% F.S	
Repeatability	0.2% F.S	
response time	< 2s	< 1s
Analog	0-5v/4-20mA	
communication	NULL	
power supply	±15V/24V	
working temp	0-50°C	
Working pressure	Dp: 0.05-1.0MPa	press drop: < 30Kpa
Max pressure	3Mpa/10Mpa	
Electrical connection	DB15	
Leakage rate	1×10 ⁻⁸ SCCSHe	
temp C.F	±0.015% F.S/°C	
Base material	316 SST	
sealing	PTFE/CR/NBR	
Fitting	1/4" 3/8" 6mm 8mm 10mm 12mm	

series	function	Sensor range	connect fitting	Gas name	User range	signal
FMM501A	FM: flow metr FC:flow controller	10: 10SCCM-20SLM 20: 30-100SLM 30: 100-200SLM	1/4 3/8 6mm 8mm 0 custom	N2	5SLM	A: 0-5V B: 4-20mA

Example selection: FMM501AFC10-1/4-N2-5SLM-A