maxair | A Leading Brand in Intelligent Fluid Control Solutions

Miniature body maximum insight



FMV Series *NEW*
Micro gas flow meter

Light weight

Ultra-compact

Fast response



Flow
Measurement，in High-Speed Production Cycle Applications

Easy
Flow Measurement, For laboratory and various industrial applications

Flowing
Flow detection

Detection
differences，Can detect minute flow differences and changes

Installation
Installed in portable devices powered by batteries / devices with limited installation space

Overview

The FMV series are sensors for gas flow detection, incorporating MAXAIR's self-developed MEMS silicon-based flow chip. The sensor outputs gas mass flow signals under standard conditions (20°C, 1 atm, 65% RH) without requiring temperature and pressure compensation. This series offers multiple flow range options and features fast response time, suitable for various gas flow detection applications in the industrial field.

Technical Specifications

Operating Pressure	-70~200 KPa
Response Time	5ms
Repeatability	<±4%F.S.
Flow Accuracy	±5%F.S.
Medium Temperature	0~50℃
Ambient Temperature	-10-60℃
Output Mode	Analog 1-5V
Working Fluid	Air ,Nitrogen

Related Products


FMT Turbine Flow Meter


EPX5 Corrosion-Resistant Pressure Switch


FMS Digital Water Flow Meter

Model Selection

Model		Rated Flow Range L/min
		-3 -2 -1 -0.5 0 0.5 1 2 3 5 10
FMV	05	0 to 0.5
	10	0 to 1
	30	0 to 3
	50	0 to 5
	11	0 to 10
	05F	-0.5 to 0.5
	10F	-1 to 1
	30F	-3 to 3

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