



Gas Flow Meter FM-GFM-A100

Overview

Gas Flow Meter FM-GFM-A100 offers a wide flow velocity range from 0.1 to 120 Nm/s, making it suitable for both low and high flow applications. It operates reliably in harsh conditions, with the sensor rated from -40 to +450 °C and the converter from -20 to +70 °C. It is available in various pipe materials, including carbon steel, stainless steel, and plastic for versatile media and environments. Our meter features a character LCD for real-time live display of flow data, ensuring clear and easy monitoring.

Specifications :

Flow Velocity Range	0.1 to 120 Nm/s
Operating Temperature	Sensor: -40 to +450 °C Converter: -20 to +70 °C
Pipe Diameter Range	DN6 to 2000 mm
Accuracy	-(1.5% reading + 0.3% full scale)
Measuring Medium	Common steady-state gases (unstable media such as acetylene, boron trichloride cannot be measured)
Working Pressure	Medium pressure Less than 1.6 MPa
Response Speed	1 second
Output Signal	4 to 20 mA (optically isolated, maximum load 500 ohms), RS-485(optically isolated, custom
Alarm	1 to 2 normally open contacts, 24V/0.5A
Supply Type	Integrated structure
Display Content	Mass flow, standard volume flow, cumulative flow, standard flow velocity, etc.
Protection Level	IP65
Sensor Material	Stainless steel, Carbon Steel
Power Supply	DC 24V or AC 220V d18W
Packaging Dimension (L×B×H)	310×260×110 mm
Net Weight	2.5 Kg
Gross Weight	7 kg

Features :

- Easy installation
- Negligible pressure loss
- Simple structure
- Vibration-resistant
- Compatible with single and mixed gases
- High-performance microprocessor

Applications :

Gas Flow Meter FM-GFM-A100 is used to measure the flow rate of gases and is widely used in oil and gas industry, chemical and petrochemical plants, power plants, food and beverage, pharmaceutical and biotechnology, environmental monitoring, laboratories water and wastewater treatment.