

Gas flow Meter

GFM Series

«Features»

- Equipped with a mass flow sensor
- Supports up to 200 LM in compact size
- Low pressure loss
- Flow output signal : Analog 0 - 5VDC
- A dedicated power supply and signal cable are required

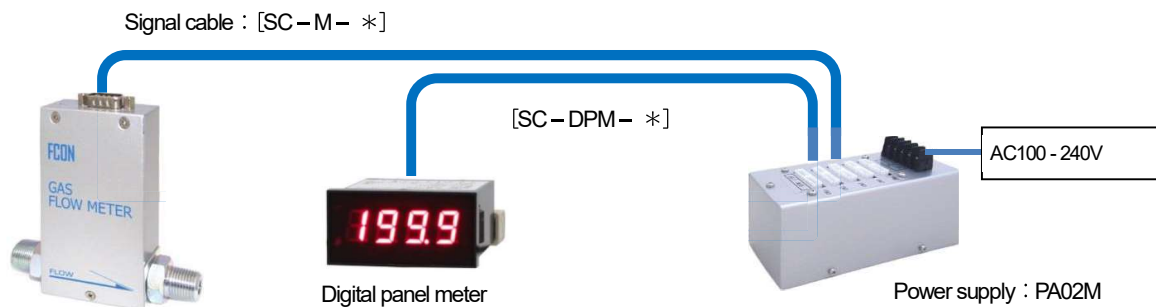


【Specification】

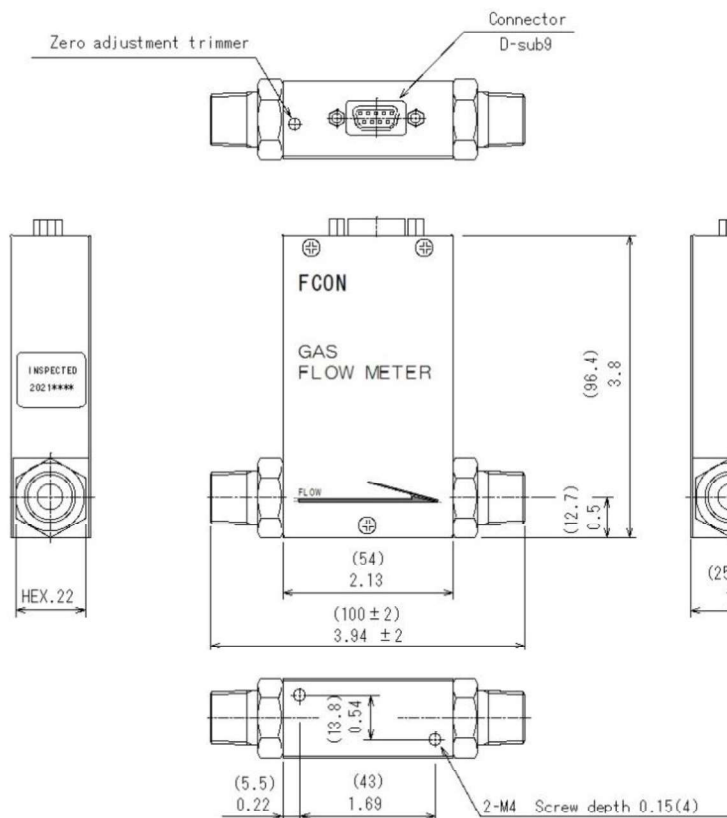
Model	GFM050	GFM100	GFM200
Flow range	50 LM	100 LM	200 LM
Gases	Air , Nitrogen (N2)		
Flow rate range	0 - 100% F.S.		
Flow rate accuracy	0 - 19% ± 3% F.S. , 20 - 100% ± 2% F.S. (25°C)		
Repeatability	± 0.5% F.S.		
Response speed	≤ 10 sec		
Pressure resistance	1 MPa(G)		
Flow output signal	Analog: 0 - 5 VDC		
Operating temperature	5 - 50°C (Accuracy guaranteed between 15 - 35°C)、≤ 85% RH (No condensation permitted)		
Mounting attitude	Not Specified (Free)		
Drive power source	± 15VDC ± 5% (DC 40mA)		
Communication	Analog 0 - 5 VDC		
Seal material	Fluoro-Rubber		
Wetted surface material	Aluminum(A6061),SUS316,SS(Trivalent chromate plating),Fluoro-Rubber		
Standard fittings	3/8R (Male) SS(Trivalent chromate plating)		
Weight	approx. 300g		

«Example of wiring»

Optional : A dedicated power supply and signal cable are required



«Dimensions»



All dimensions are in inches with [mm] in brackets.

«Ordering»

GFM050 – 3/8R – 50LM – N2 – 4

① ② ③ ④ ⑤

① Type

GFM050
GFM100
GFM200

② Fitting

3/8R (male)

③ Full scale

50 LM
100 LM
200 LM

④ Gas types

Air
Nitrogen (N₂)

⑤ Connection pipe diameter(*1)

4 : 1/4 inch.	4M : 4mm
6 : 3/8 inch.	6M : 6mm
8 : 1/2 inch.	10M : 10mm

*1 Please specify the pipe diameter of the gas line to be installed.

※ AT FCON, flow rates (SLM, SCM) are converted to values at 25°C, 101.3kPa abs (1atm) for calibration.

※ Please use a conversion joint if you need a joint other than 3/8R (male).

The contents of this catalog are subject to change without notice.