

MASS FLOW METERS *Without LCD Display*

TAF SERIES

Economy Type

$\pm 1.5\%$ Accuracy

Linear Output

Thermal Technology

For Using in Non Corrosive gas

For Flow Rates up to 50 SLM

The NEW-FLOW Thermal Mass Flow Meters provide high performance. Thermal Technology offers advantages in accuracy, sensitivity and turn quality components and the latest technology are combined to provide reliable, compact meters. The TAF Series comes without an LCD display, and come with linear 0-5 VDC output. The TAF Series measures the mass flow rate of gases in 17 ranges from 0-10 SCCM to 0-50 SLM as shown in the range table.

Technical Data

Wetted Material: Standard flowbody- 316 Stainless Steel
O-ring- Viton.

Output Signal: 0-5 VDC Linear min. load 1000 Ω

Input Power: 24 VDC, 15 VDC, 12 VDC available

Accuracy: $\pm 1.5\%$ F.S (for 10 SCCM ~ 5 SLM, including linearity)

$\pm 5\%$ F.S (0~25% Flow Range)

$\pm 2\%$ F.S (25~100% Flow Range)

Turn Down Ratio: 50 : 1

Repeatability: $\pm 0.15\%$ FS or better

Electric Connection: 5 Pin post header
(provide with mating connector)

Process connection: 1/4" NPT Female

Range: 0-10 SCCM to 0-50 SLM

Minimum Pressure: 40" H₂O

Max. Pressure: 500 PSIG

Temperature Range: 0~50 °C

Response Time: 1 Second

Temp. Coefficient: 0.05% Full scale per 1°C or better

Pressure Coefficient: 0.01% Full scale per PSIG or better

Weight: app. 0.5 kg

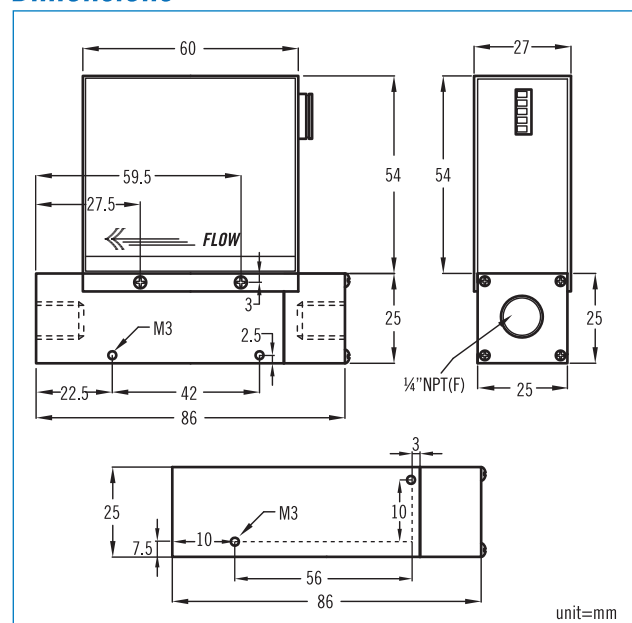
Range Table

Code	SCCM	Code	SLM	Code	SLM
00	0-10	06	0-1	14	0~35
01	0-20	07	0-2	15	0~40
02	0-50	08	0-5	16	0~45
03	0-100	09	0-10	17	0-50
04	0-200	10	0-15	18	*Custom Flow Rate
05	0~500	11	0-20		
		12	0-25		
		13	0-30		

*Please notice that the max. flow range is 50 SLM.



Dimensions



Ordering Information

TAF	Code	Flow Range
	00~17	Please refer to the measure range table.
	18	*Custom size (Please directly fill in the requested range)
	Code	Wetted Material
		(A) SS316
	Code	Process Connection
	1	1/4" NPT (F)
	Code	Display
	0	Without display
	Code	Output Signal
		(1) 0-5VDC
	Code	Input Power
	1	24 VDC
	2	15 VDC
	3	12 VDC

TLF