

MASS FLOWMETER WITHOUT DISPLAY Serie TAF

Economy Type ±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 or FFKM available

Output Signal: 0-5 VDC Linear min. load 1000Ω Input Power: 24 VDC, 15 VDC and 12 VDC available

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

±5% F.S (0~25% Flow Range) ±2% F.S (25~100% Flow Range)

Turn Down Ratio: 50:1

Repeatability: ±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

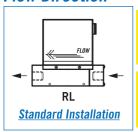
Weight: app. 0.5 kg

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	10					
		12	0-25						
		13	0-30						

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

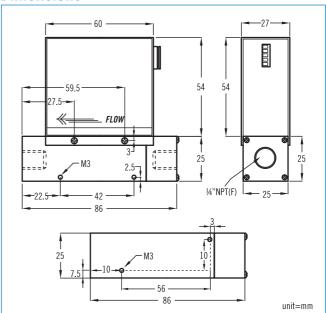
Flow Direction



- Please follow the direction of arrow" on the label to install. (As shown on the left is the standard installation.)
- If customer requires "Vertical ♠ or ♥" installation, please contact with the manufacturer when place an order.



Dimensions



Ordering Information

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