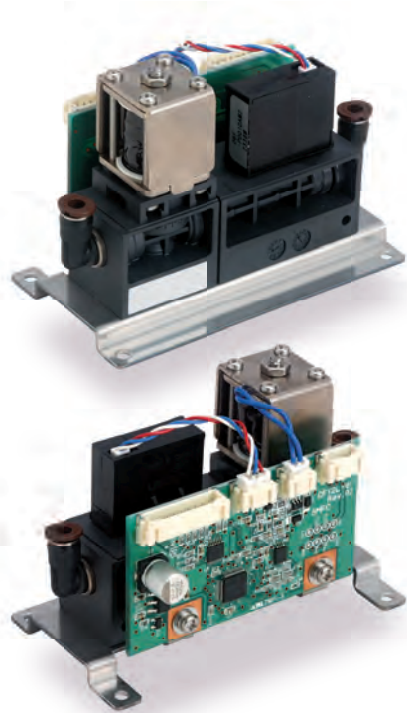


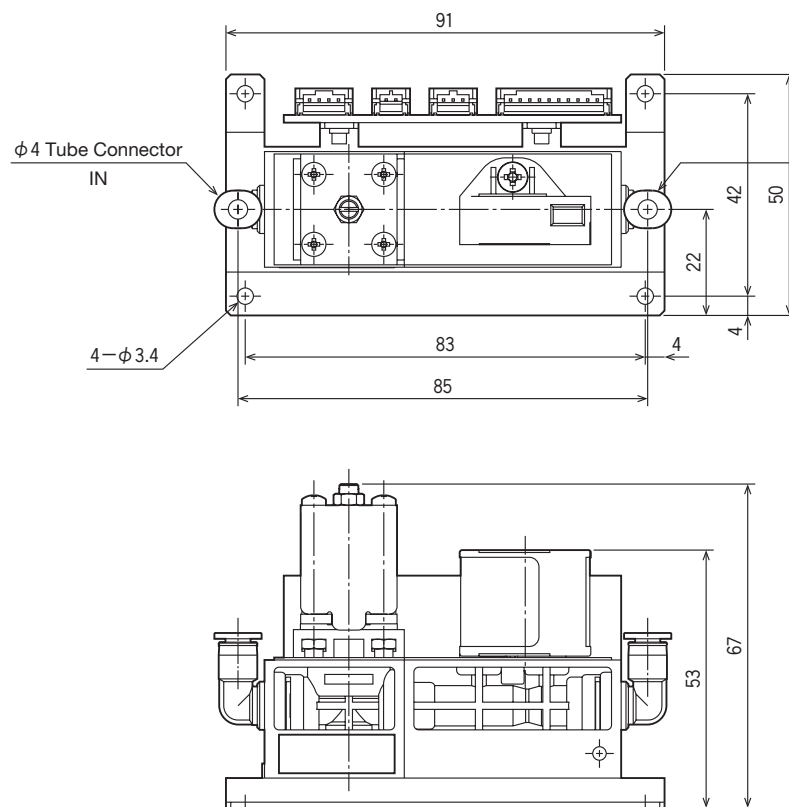
◆ Main Specifications

Model Number		SMFC-0005	SMFC-0020
Full Scale Flow Rate		5 (L/min)	20 (L/min)
Control Flow Range	Control Range	4 ~ 100 (%) F.S. (0.2 ~ 5 L/min)	2 ~ 100 (%) F.S. (0.4 ~ 20 L/min)
	Response Speed	Set flow rateSet flow rate ± 5%, within 2 seconds	
	Flow Control Accuracy	± 5.0 (%) R.D. (2 < Q ≤ 5 L/min) ± 3.0 (%) F.S. (0.2 < Q ≤ 2 L/min)	± 5.0 (%) R.D. (10 < Q ≤ 20 L/min) ± 3.0 (%) F.S. (0.4 < Q ≤ 10 L/min)
	Reproducibility	± 1.5 (%) F.S.	
Valve Type		Direct Operated Poppet	
Valve Operation		NC Type	
Fluid		Air, oxygen, nitrogen *1	
Operating Pressure Differential Range		0.05 ~ 0.2 (MPa)	0.15 ~ 0.3 (MPa)
Connection Port		IN: φ4 Tube Connector OUT: φ4 Tube Connector	
Proof Pressure		0.3 (MPa) *2	
Fluid Temperature		0 ~ 50 (°C)	
Ambient Temperature		5 ~ 50 (°C)	
Ambient Humidity		30 ~ 85 (%) RH (No condensation)	
Mounting Orientation		at will	
Mass		200 (g)	
Material of Gas Contact Area		PPS, Stainless Steel, Fluoroelastomer, Brass, Silicon (sensor part)	
Rated Voltage		12 (V DC)	
Flow Rate		Analog Inputs: Input range 1 ~ 5 (V DC)	
		Serial Singal: RS232C	
		Setting Resolution: 0.01 (L/min)	



* 1: Use a non-corrosive liquid as a contact material.
* 2: The sensor part should be 0.05 (MPa).

◆ External Dimensions (mm)



Terminal Specifications

Base Post: S10B-PH (JST)
Housing: PHR-10 (JST)
Contact: SPH-002T-P0.5 (JST)

