

Micro Purge Flow Meter

CSV-Series

Description

Micro Purge Flow Meter

They fit for small flow measurement in various application.

They are suitable for liquids or gases and widely accepted in the industry.

Features

- Small Flow Measurement

Option

- Alarm (1 SPDT, 2 SPDT)



Flow Chart

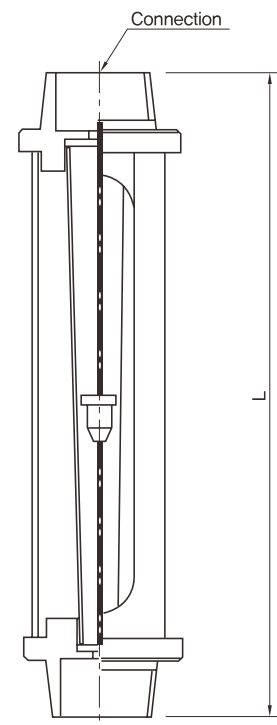
Size (d)		Flow Rate	Flow Rate		Pressure (MAX)	Length
		H ₂ O	LIQUID (L/h)	GAS (NL/h)	kgf/cm ²	L (mm)
8A	1/4B	0,05 – 0,5 L/min	2 – 20	30 – 300	8	220
		0,1 – 1 L/min		60 – 600		
		0,15 – 1,5 L/min	10 – 100	100 – 1,000		
		10 – 100 L/h		150 – 1,500		
10A	3/8B	0,2 – 2 L/min	10 – 100	150 – 1,500	6	220
		0,4 – 4 L/min		200 – 2,000		
		20 – 200 L/h	40 – 400	300 – 3,000		
		30 – 300 L/h		400 – 4,000		
		40 – 400 L/h		500 – 5,000		
15A	1/2B	1 – 10 L/min	40 – 400	500 – 5,000	5	250
		50 – 500 L/h		600 – 6,000		
		80 – 800 L/h	100 – 1,000	800 – 8,000		
		100 – 1,000 L/h		1,000 – 10,000		

Specification

Measuring	Liquid, Gas
Meter Size	8A(1/4") ~ 15A(1/2")
Material	Body: SUS 304 / SUS 316 / SUS 316L Float: SUS 304 / SUS 316 / SUS 316L / PTFE / MANO / RUBY / CERAMIC Scale: PYREX GLASS Other Materials on Request
Pressure Rating	7 kgf/cm ² (Standard) Option: 15 kgf/cm ²
Temperature	80°C (Max)
Connection	Screw Connection
Accuracy	± 2.0% of F.S (with Alarm: ± 3.0% of F.S)
Alarm (Option)	Optic Sensor Reed Switch: 1-SPDT, 2-SPDT Contact Capacity: 250 VAC 0.5A (Self Holding Type)

Material & Dimension

Part List	Material		
Body	SUS 304	SUS 316	SUS 316L
Packing	NBR, VITON, EPDM		
Float	SUS 304, SUS 316, PTFE, ACETAL		
Taper Tube	PYREX GLASS		
Cover	SUS 304		
Guide Rod	SUS 304 / SUS 316		



CSV

Ordering Code

Model	Specification	Description
CSV	Micro Purge Flow Meter	
	▪ Flow Direction	
	1	Bottom Rear → Top Rear
	▪ Meter Size	
	8	8A (1/4")
	10	10A (3/8")
	15	15A (1/2")
	▪ Body Material	
	A	SUS 304
	B	SUS 316
	D	SUS 316L
	O	Others
	▪ Connection	
	P1	Screw: PT 1/4"
	P2	Screw: PT 3/8"
	P3	Screw: PT 1/2"

[Example]

CSV - 1 - 8 - A - P1