



GA Series

Variable Area Flowmeter

- Field indicated Flow meter for use without power supply
- Valve can be installed at the Inflow or Outflow part / Alarm function (Option)
- Easily check the flow of fluid (bubble, color, etc.)

GA-10 Series General Specifications

Size	15A(1/2") ~ 100A(4")
Process Connection	Flange type - KS / JIS / ANSI / ASME / DIN Std Flange or Screw
Flow Ranges	Water - 0.12 m³/h ~ 60 m³/h Air - 1.2 Nm³/h ~ 800 Nm³/h
Range Ability	10 : 1
Accuracy	±2.0 % F.S (Option ±1.0 % F.S)
Fluid Temperature	Max 120 °C
Max. Pressure	Max. 10 kgf/cm².G

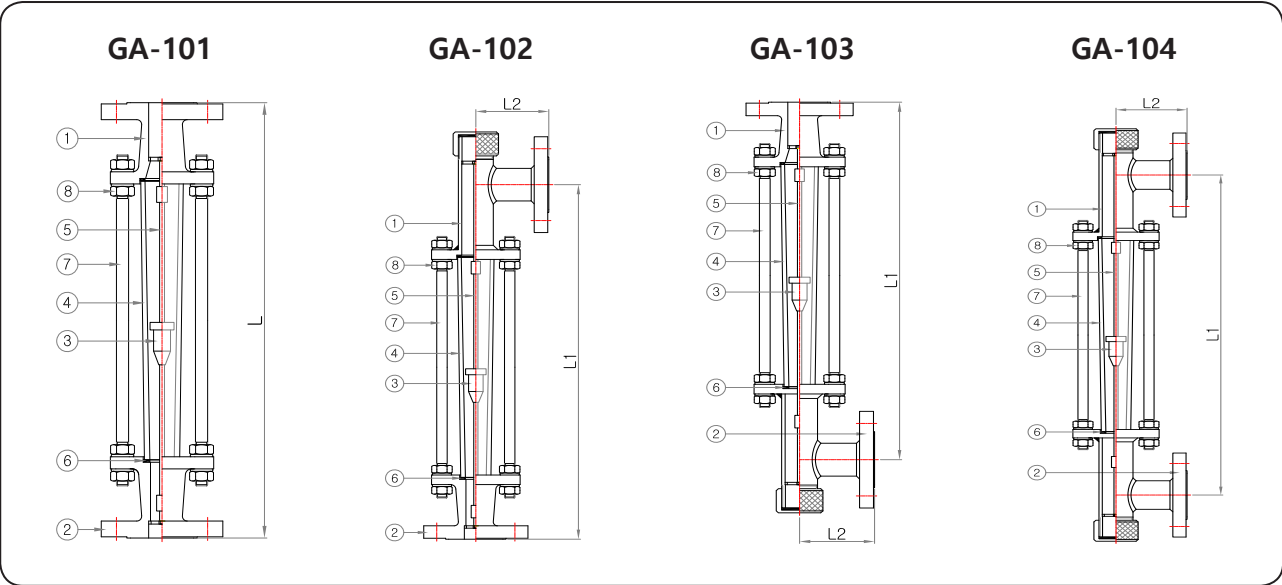
MODEL CODE

GA - 10	-	□	-	□	Specification
		1			Bottom to Top
		2			Bottom to Top side
		3			Bottom side to Top
		4			Bottom side to Top side
			A		Alarm Switch (High, Low)
			V		Valve

STANDARD MATERIAL

No.	Description	Material				
		A	B	C	D	E
1	Body	SS400	304SS	316SS	316LSS	PVC
2	Flange					
3	Float	304SS/316/316L, PVC, ACETAL, PTFE				
4	Taper tube	PYREX GLASS, PC				
5	Guide bar	304SS		316SS/316L, PTFE LINER		
6	Packing	NBR, EPDM, SILICON, FKM, PTFE				
7	Post	SS400	304SS			
8	Nut					

STRUCTURAL DRAWING



■ FLOW RANGE & DIMENSIONS

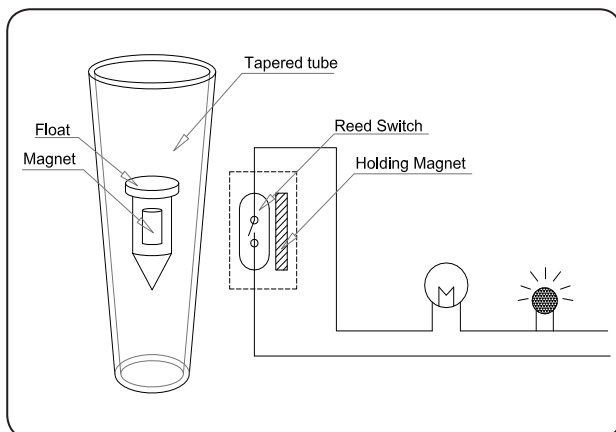
Size	L (mm)	L1 (mm)	L2 (mm)	Water		Air		Pressure Loss mmAq (≒)	
				m ³ /h	L/min	Nm ³ /h	NL/min	Water	Air
15A	360	370	70	0.12 - 1.2	2 - 20	1.2 - 12	20 - 200	100	20
20A	360	370	70	0.25 - 2.5	4 - 40	3 - 30	50 - 500	200	30
25A	400	410	80	0.45 - 4.5	7.5 - 75	7.5 - 75	125 - 1250	250	40
32A	420	430	80	0.7 - 7.5	12.5 - 125	10 - 100	170 - 1700	300	50
40A	440	450	100	1.2 - 12	20 - 200	15 - 150	250 - 2500	350	60
50A	480	500	100	1.8 - 18	30 - 300	21 - 210	350 - 3500	400	100
65A	550	580	120	3 - 30		35 - 350		400	100
80A	620	660	130	4.5 - 45		50 - 500		500	150

■ PRODUCT WEIGHT & INTERNAL PRESSURE

Size	Internal Pressure Limit (kgf/cm ² .G)		Weight (kg)		
	Metal	PVC	Metal		PVC
			Type-1	Type-4	Type-1
15A	10	5	4	5	2
20A	10	5	5	5	2
25A	7	4	7	8	3
32A	7	4	8	9	5
40A	7	4	9	11	6
50A	5	3	12	15	8
65A	4	3	18	25	12
80A	3	2	23	30	15
100A	3	2	38	50	20

√ Internal Pressure Limit can be increased by customize

■ ALARM OUTPUT UNIT (REED SWITCH TYPE)



Contact Reed switch	Self holding type
Max. Contact capacity	AC 10 VA DC 10 W
Max. Voltage	AC 125 V DC 100 V
Max. Temperature	-10 °C ~ 60 °C
Cable length	1 m