

GA-10 Series

Variable Area Flowmeter

- 전원 장치 없이 사용하는 현장 지시 유량계
- 전단 or 후단에 벨브 설치 가능 / 알람 기능 선택적으로 제공
- 유체의 순간 흐름 쉽게 확인 가능 (거품, 색상 등)

GA-10 Series General Specifications

Size	15A(1/2") ~ 100A(4")
Process Connection	Standard - KS, JIS 10K RF / Option - ANSI / ASME / DIN Std Flange or Screw
Flow Ranges	Water - 0.12 m ³ /h ~ 100 m ³ /h Air - 1.2 Nm ³ /h ~ 1000 Nm ³ /h
Range Ability	10 : 1 (Option 20 : 1)
Accuracy	±2.0 % F.S (Option ±1.0 % F.S)
Fluid Temperature	Max 120 °C
Max. Pressure	Max. 10 kgf/cm ² .G

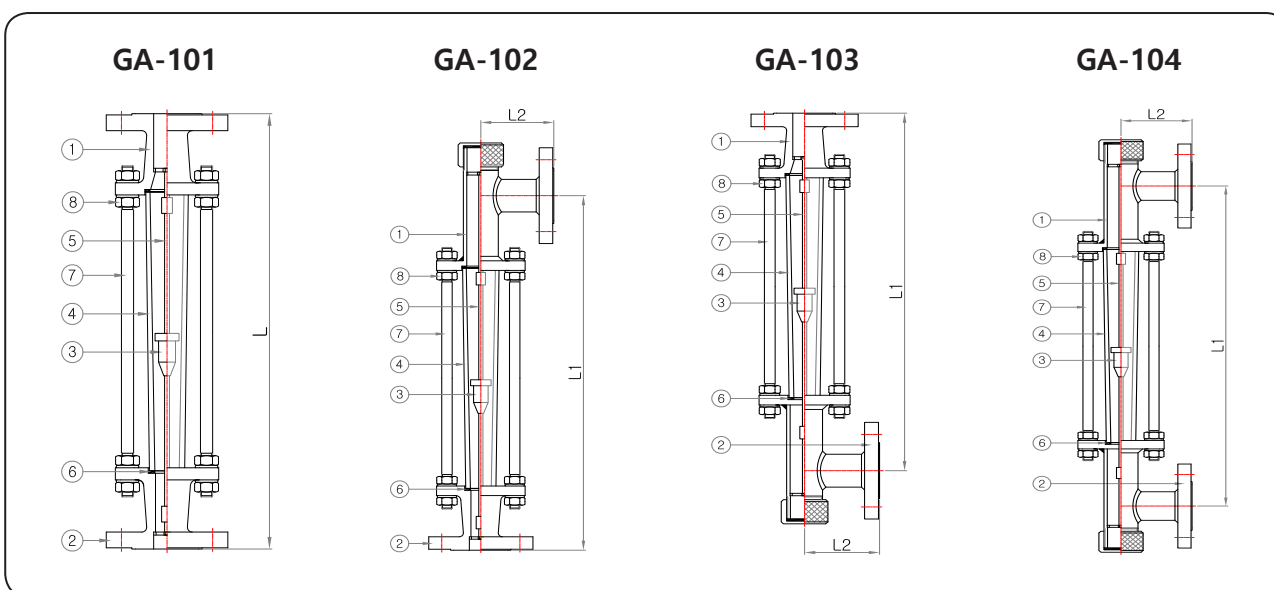
MODEL CODE (SPECIAL)

GA-10	-	□	-	□	-	□	Specification
		1					Bottom to Top
		2					Bottom to Top side
		3					Bottom side to Top
		4					Bottom side to Top side
				□			Refer to the Material Table (A ~ E)
						A	Alarm Switch (High, Low)
						V	Valve

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



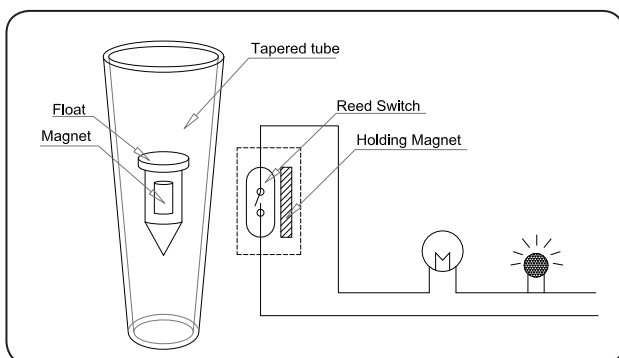
LENGTH & WEIGHT

Meter Size (mm)	Length (mm)			Weight (kg)		Max. Fluid Press. (MPa)
	Metal (L)	Metal (L1)	Metal (L2)	Metal	PVC	
15	320	330	70	2.5	0.7	1.0
20	320	330	70	3.5	1.0	0.8
25	320	330	80	5.5	2.0	0.8
32	370	380	80	6.5	2.5	0.7
40	370	380	100	7.0	3.0	0.6
50	370	390	100	9.5	4.0	0.6
65	370	400	120	13	6.0	0.6
80	400	440	130	17	7.0	0.4
100	400	450	150	20	9.0	0.4

FLOW RANGE & PRESS. LOSS

Meter Size (mm)	Flow rate (m ³ /h)	Press. Loss (kPa)	Flow rate (Nm ³ /h)	Press. Loss (kPa)
	SUS304 float, Water		SUS304 float, Air	
15	0.2 ~ 2	16	8 ~ 40	8
20	0.4 ~ 4	16	80	9.5
25	0.6 ~ 6	17.5	120	10
32	1 ~ 10	15	200	8.5
40	1.5 ~ 15	14	300	7.5
50	2.5 ~ 25	15	400	6.5
65	4 ~ 40	20	600	8
80	6 ~ 60	20	800	8
100	8 ~ 80	30	1000	9

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