

**NEW-FLOW**

**ISO 9001  
REGISTERED**

# ***NEW-FLOW***

MANUFACTURE OF VARIABLE AREA TYPE FLOW METER  
N-TYPE

## ***Instruction Manual***



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# INSTALLATION

## Technical Data

### A. Measuring The Flow Rate For

- Gases & Liquid
- Chemical process system
- Water treatment system
- Industrial flow system

### B. Service Condition

- Viscosity:  $\leq 3$  cP
- Max working temperature: Metal: 100°C; Plastic: 60°C
- Max working pressure:
  - (1) Body material: NS: 15 kg/cm<sup>2</sup>, NI: 15 kg/cm<sup>2</sup>, NV: 6 kg/cm<sup>2</sup>
  - (2) Glass tube: 6 kg/cm<sup>2</sup> for 10A~50A; 5 kg/cm<sup>2</sup> for 65A~80A; 4 kg/cm<sup>2</sup> for 100A~150A;
  - (3) P.C tube: 10 kg/cm<sup>2</sup>, Instant pressure: 15 kg/cm<sup>2</sup>

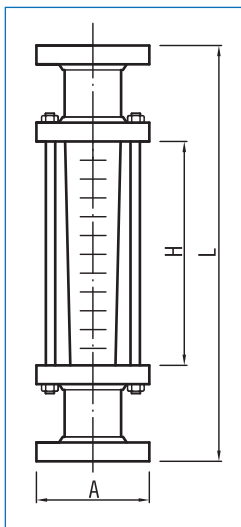
### C. Alarm Switch Available (N.O)

- Switch rating: AC 125V 0.5A / DC 100V 10W / Max. DC 250V <1mA

### D. Accuracy: $\pm 2.5\%$ F.S

## Dimensions

unit=mm



Range Size	H <sub>2</sub> O (Max.) L/Min	Air (Max.) NL/Min	Dimension			
			Flange	L	H	A
10A	0.1~1.0	2~20	3/8"	230	103	—
15A	1~10	20~200	1/2"	280	160	—
20A	2~20	30~300	3/4"	340	190	—
25A	5~50	100~1000	1"	340	190	—
32A	10~100	200~2000	1 1/4"	350	205	—
40A	20~200	300~3000	1 1/2"	350	205	—
50A	40~400	500~5000	2"	350	205	—
65A	60~600	600~6000	2 1/2"	350	205	—
80A	80~800	900~9000	3"	410	250	—
100A	100~1000	1500~15000	4"	430	260	—
125A	200~2000	3000~30000	5"	460	260	—
150A	300~3000	3000~50000	6"	460	260	—

## Installation

