

Ultrasonic liquid flowmeter **SLF-100**

Precise liquid flow monitoring by ultrasonic
for semiconductor fabrication processes



■ FEATURES

- Clamp-on type
- Wide measurement range ability
- Low power consumption
- Compact design



(actual size)

Specifications

● Convertor

Model: SLF-100

Measurement method: Ultrasonic transit time method

Environment conditions: Temperature: -10~50°C

Display function: LCD display(16characters×2lines)

Instantaneous flow rate, or Integrated flow rate

Configuration menu: Measurement range, Measurement unit, etc.

Accuracy: ±2%RD(flow speed 1~10m/s)

±2cm/s(flow speed less than 1m/s)

Output: Analog(DC 4~20mA, load resistance: less than 450Ω)

Pulse(Open collector standard 30V, 0.25A)

Alarm(Open collector standard 30V, 0.25A)

Power supply DC12~30V

Power consumption: less than 2.5VA

Weight: Approx. 330g

● Sensor

Model: SLT-12, SLT-14, STL-15

Structure: Clamp-on type

Material: PVC, PTFE

Applicable liquids: de-ionized water, chemical solution

Applicable pipes: Nominal diameter SLT-12: 3/4 inch(I.D.15.88 O.D.19.05),

1/2inch (I.D.9.53 O.D.12.70),

3/8inch (I.D.6.35 O.D.9.53)

SLT-14: 3/4inch (I.D.15.88 O.D.19.05),

1/2inch (I.D.9.53 O.D.12.70)

SLT-15: 1inch (I.D.22.23 O.D.25.4),

3/4inch (I.D.15.88 O.D.19.05)

Material: PFA

Environment conditions of flow: Temperature: 10~60°C (SLT-12),

10~70°C (SLT-14),

10~50°C (SLT-15)

Cable: 5m(max 10m)

Measurement range: 0.5~230L/min(1 inch),

0.2~120 L/min(3/4 inch),

0.1~40 L/min(1/2 inch),

0.1~20 L/min(3/8 inch)

Weight: STL-12 Approx. 450g

STL-14 Approx. 350g

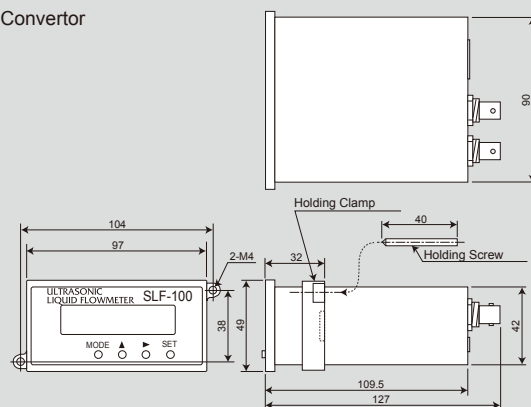
STL-15 Approx. 360g

⚠ CAUTION FOR SAFETY: Please read surely INSTRUCTION MANUAL before operating
● Specification is subject to change without prior notice for improvement.



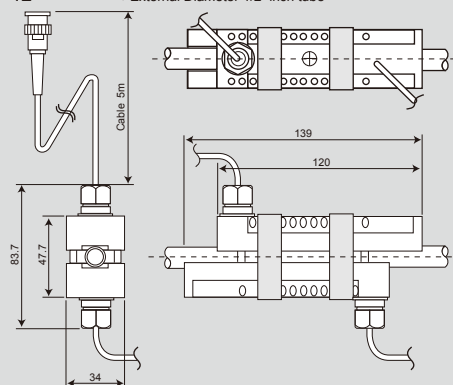
Dimensions

● Convertor



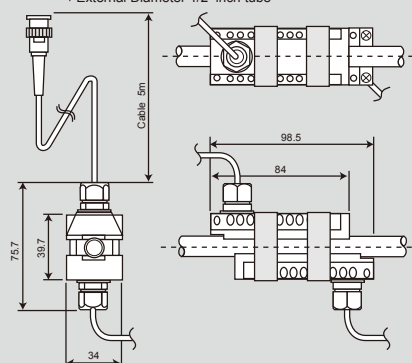
● SLT-12

* External Diameter 1/2 inch tube



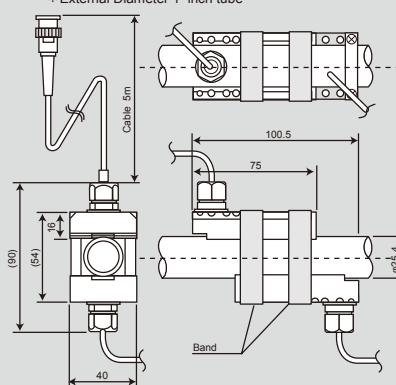
● SLT-14

* External Diameter 1/2 inch tube



● SLT-15

* External Diameter 1 inch tube



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