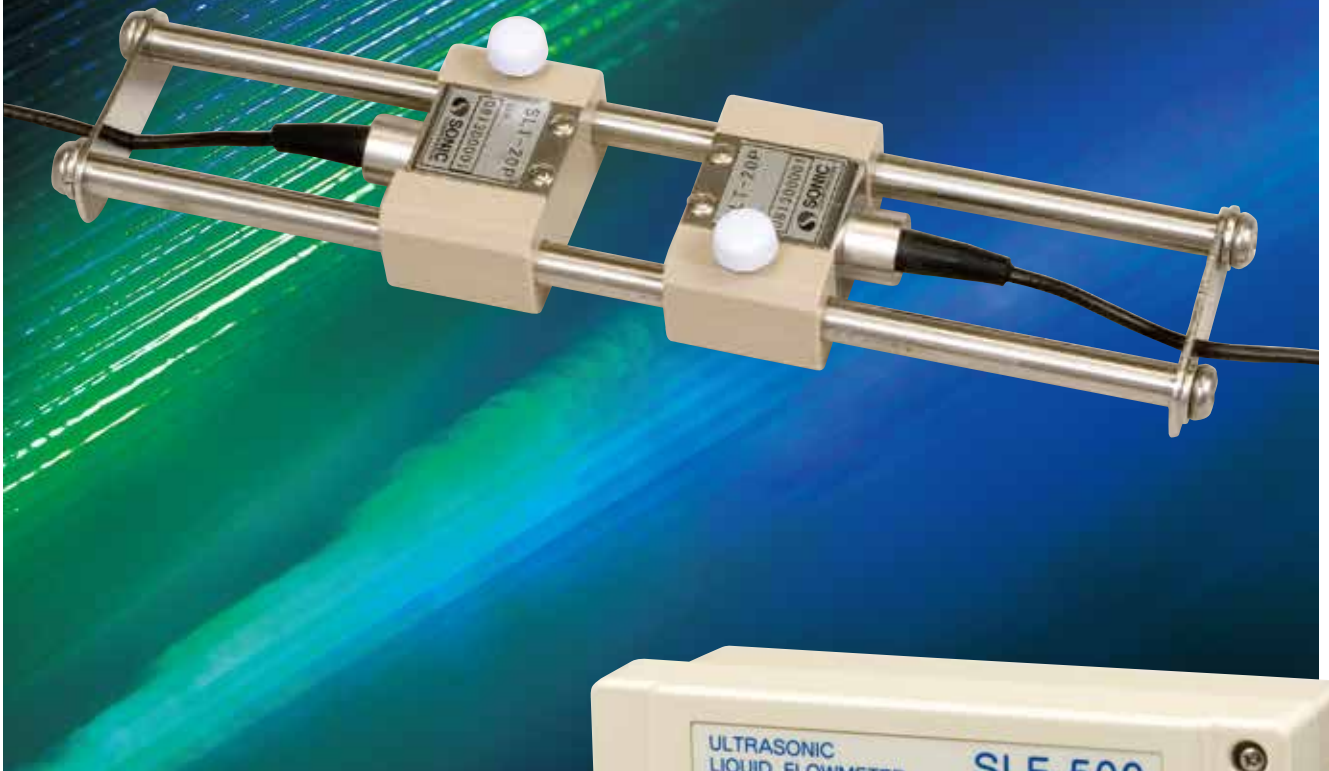


SLF-500

Ultrasonic Liquid flowmeter

Ultrasonic Liquid Flowmeter

- Contamination free
- Easy installation to existing pipe



■ FEATURES

- Clamp-on type
- Wide measurement range ability
- Compact design



Ultrasonic Liquid Flowmeter SLF-500

Specifications

● Convertor

General

Model: SLF-500

Measurement method: Ultrasonic transit time method

Calculation method: Digital calculation method

Accuracy: $\pm 2\%RD$ (1~10m/s), $\pm 2cm$ (0~1m/s)

Fluid condition: Water and other liquids (input of sound speed)

Liquid temperature: 0~60°C

Applicable pipes: Nominal diameter ;15mm~300mm

(External diameter more than 20mm)

Material: PVC, SUS and others

(input of sound speed)

Analog output range: 0~1m/s and 0~10m/s

Averaging time: Standard 10 sec (range 0~20 sec, 1sec steps)

Structure: Waterproof type (IP65 equivalent)

Material: ADC12

Paint color: Munsell(5Y8/1.5)

Installation temperature ranges: 0~+50°C

Installation humidity range: No dew condensation

Power supply: AC85~264V, 50/60Hz

Power consumption: less than 2.5VA

Installation: 50mm pipe (panel or wall)

Output section

Analog output: Output contents; Instantaneous flow rate
(normal/reverse flow)

Output signal; DC4~20mA

Load resistance; less than 450Ω

Output constant; 0~20sec (1sec steps)

Flow rate low cut; 0~10% (1% steps)

Contact output: Output contents ;normal/reverse flow Integrated pulse,
abnormal, upper/lower flow limit

Output signal; Open collector x3

Standard; DC30V, 0.25A

Integrated units; 0.1L, 1L, 10L, 100L, 1m³, 10m³

Pulse width; 1.6msec or 50msec

Integrated low cut ;0~10% (1% steps)

Digital output: Output; instantaneous flow rate, integrated flow, alarm

Serial interface; RS-232C

Display

LCD display: 16 characters × 2 lines

Display menu: instantaneous flow, integrated flow

Parameter configuration

Configuration items: FS flow, flow rate unit, integrated flow unit, and others

● Sensor probe

Model: SLT-20P

Material: PEEK, SUS304

Structure: Clamp-on type

Installation: V or Z type

Installed temperature ranges: -20~+70°C

Cables: Standard 10m 1.5C-QEV (Max. 30m)

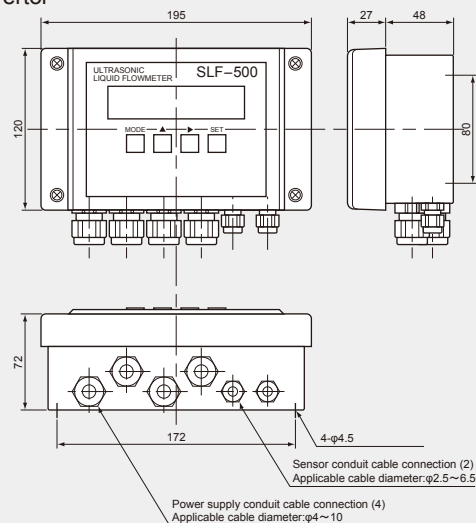
Weight: Approx. 400g

Installation conditions: Upper stream side 10D, Lower stream side : 5D or more
(D is inner diameter)

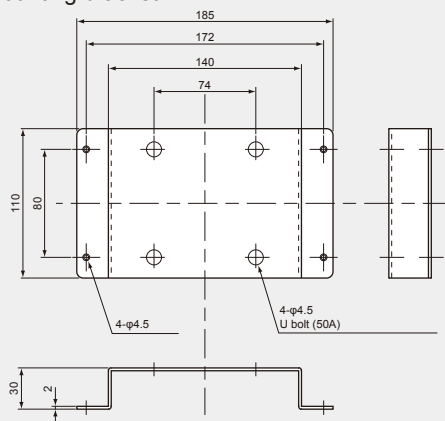
Structure: IP63

Dimensions

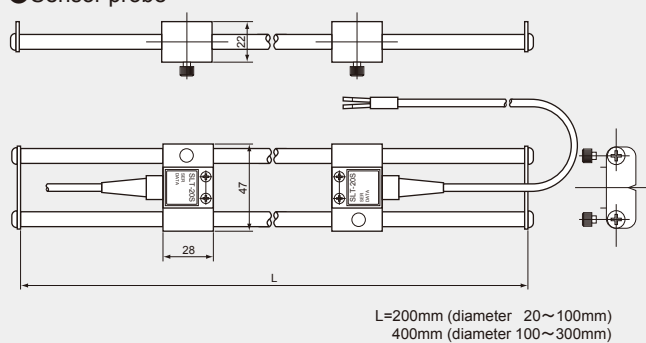
● Convertor



● Mounting bracket



● Sensor probe



CAUTION FOR SAFETY: Please read surely INSTRUCTION MANUAL before operating

●Specification is subject to change without prior notice for improvement.



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