

Proline Prosonic Flow 93T ultrasonic flowmeter

The economical flowmeter for easy data transfer via USB stick without additional software



More information and current pricing:

www.ch.endress.com/93TA1

Benefits:

- Automatic frequency scan for maximum measuring performance
- Quick and secure installation – specially designed mounting kits
- No additional leakage paths – external measurement from outside the pipe
- Process transparency – diagnostic capability
- Temporary monitoring of measuring points – portable flowmeter with rechargeable battery and current output
- Verification of other flow devices – integrated data logger and current input
- Automatic recovery of data

Specs at a glance

- **Max. measurement error** +/-2.0 %
- **Measuring range** 0...452'389 m³/h
- **Medium temperature range** DN 15...65 -40...+150°C (-40...+302°F) DN 50...300 -40...+170°C (-40...+338°F) DN 100...4000 -40...+80°C (-40...+176°F)
- **Max. process pressure** No limit

Field of application: The portable ultrasonic flowmeter Prosonic Flow 93T is designed for temporary monitoring and test measurements with clamp on sensors. It is operated independently of the mains power using a battery. The Prosonic Flow 93T is ideal for conducting verification measurements at existing flow metering points.

Features and specifications

Liquids

Measuring principle

Ultrasonic flow

Product headline

Portable volume flowmeter for measurement of liquid applications; from outside of the pipe with "Clamp On" sensors

Sensor features

Integrated USB data logging

Nominal diameter range

DN 15...65

- 1/2"...2 1/2" (-40...+100°C or -40...+150 °C)

DN 50...300

- 2"...12" -40...+80 °C or 0...+170 °C)

DN 100...4000

- 4"...160" (-40...+80 °C)

Max. measurement error

+/-2.0 %

Measuring range

0...452'389 m³/h

Max. process pressure

No limit

Medium temperature range

DN 15...65

-40...+150°C

(-40...+302°F)

DN 50...300

-40...+170°C

(-40...+338°F)

DN 100...4000

-40...+80°C

(-40...+176°F)

Liquids

Degree of protection

IP 40

Display/Operation

Four line backlit
touch control

Outputs

Integrated data logger/site manager
Easy data transfer via USB stick without additional software

Inputs

4...20mA

Digital communication

FXA 193

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