

# 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.at.endress.com/93TA1](http://www.at.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 m<sup>3</sup>/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

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**Product headline**

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

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**Sensor features**

Integrated USB data logging

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**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)

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**Max. measurement error**

+/-2.0 %

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**Measuring range**

0...452'389 m<sup>3</sup>/h

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**Max. process pressure**

No limit

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## Liquids

### 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)

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### Degree of protection

IP 40

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### Display/Operation

Four line backlit  
touch control

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### Outputs

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

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### Inputs

4...20mA

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### Digital communication

FXA 193

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