Flow rate / temperature measuring instrument FlowTemp® STx



Benefits

 Verification and documentation of thermal disinfection and the temperature profile in conjunction with the EuroSoft[®] live app Ē

- Documentation of water exchange as a part of the intended operation of drinking water installations in conjunction with the EuroSoft[®] live app
- Inspection of thermostatic mixing valves
- Acceptance tests of newly installed drinking water installations
- Function tests of circulation lines

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Verification and documentation of thermal disinfection and the temperature profile

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- Documentation of water exchange as a part of the intended operation of drinking water installations
- Function checks of decentralised drinking water heaters
- Checking the output capacity of heat exchangers
- Function tests of circulation lines
- Inspection of fittings (minimum volume flow)
- Determination of the water temperature at water taps
- Inspection of thermostatic mixing valves
- Acceptance tests of newly installed drinking water installations

Versions

	Part no.
Flow rate / temperature measuring instrument FlowTemp® STx	502002
	Blue part no. = in-stock items

Description

Sensor module for continuous, simultaneous determination of flow rate (I/min) and temperature (°C) in water applications. The flow rate is measured with a high-precision capacitance flow sensor, the temperature with a thermocouple with a low response time. Both sensors are integrated in a robust housing made of high-quality plastic with degree of protection IP 67. Thanks to the compact design, measurements at low water fittings are very convenient. The device is tested as per TÜV report S1217-00/15. The measured data is transmitted to the BlueLine measuring instruments or to a mobile device via the integrated Bluetooth[®] interface.

AFRISO

Technical specifications

Dimensions W x H x D:

71 x 158 x 97 mm

1.5/17.5 l/min

5/80 °C

Weight 370 g

Interface Bluetooth®

Measuring range

Flow rate: Temperature:

Accuracy

Flow rate: Flow rate: Temperature: Temperature: ± 0.3 l/min (< 6 l/min) ± 5 % v. Mw. (> 6 l/min) ± 1 K (< 35 °C) ± 3 % v. Mw. (> 35 °C)

Resolution	
Flow rate:	0.1 l/min
Temperature:	0.1 °C

Sensor Capacitance sensor Pt1000

 Response time t₉₀

 Flow rate:
 10 s

 Temperature:
 5 s

Supply voltage 2 x 1.5 V AAA batteries

