

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













Application

- Verification and documentation of thermal disinfection and the temperature profile
- 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.





Technical specifications

Dimensions

W x H x D: 71 x 158 x 97 mm

Weight 370 g

Interface Bluetooth®

Measuring range

Flow rate: 1.5/17.5 l/min
Temperature: 5/80 °C

Accuracy

Resolution

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

Sensor

Capacitance sensor

Pt1000

 $\begin{tabular}{lll} Response time t_{90} \\ Flow rate: & 10 s \\ Temperature: & 5 s \end{tabular}$

Supply voltage 2 x 1.5 V AAA batteries



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