



## Flow rate / temperature measuring instrument FlowTemp® STx



### Benefits

- Verification and documentation of thermal disinfection and the temperature profile in conjunction with the AFRISO TOOLBOX app
- Documentation of water exchange as a part of the intended operation of drinking water installations in conjunction with the AFRISO TOOLBOX app
- Inspection of thermostatic mixing valves
- Acceptance tests of newly installed drinking water installations
- Function tests of circulation lines



### Versions

|  | DG | PG | Part no. | Price (€)* |
|--|----|----|----------|------------|
| Flow rate / temperature measuring instrument FlowTemp® STx | H  | 4  | 502002   | 580.84     |

\* prices plus applicable VAT Blue part no. = in-stock items

### Description

Sensor module for continuous, simultaneous determination of flow rate (l/min) and temperature (°C) in water applications. The flow rate is measured with a high-precision capacitance flow sensor, the temperature with a PT1000 module. 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 BLUELYZER ST, EUROLYZER STx, MULTILYZER STe/STx, series S4600 ST, TMD 9 or to a mobile device via the integrated Bluetooth® Low Energy 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

Flow rate:  $\pm 0.3$  l/min (< 6 l/min)

Flow rate:  $\pm 5\%$  v. Mw. (> 6 l/min)

Temperature:  $\pm 1$  K (< 35 °C)

Temperature:  $\pm 3\%$  v. Mw. (> 35 °C)

### Resolution

Flow rate: 0.1 l/min

Temperature: 0.1 °C

### Sensor

Capacitance sensor

Pt1000

### Response time $t_{90}$

Flow rate: 10 s

Temperature: 5 s

### Supply voltage

2 x 1.5 V AAA batteries