

# CAPBs® sens WQ11

Water quality



## Description

Sensor unit for determining water quality and assessing the system water in heating systems. Measurement of electrical conductivity, hardness and temperature.

## Application

- Determination and evaluation of water quality
- Assessment of system water in heating systems (for example, heating system water analysis as per VDI 2035)
- Measurement of electrical conductivity and hardness, TDS value, salinity and temperature



## Technical specifications

|                      |                  |
|----------------------|------------------|
| Dimensions H x W x D | 121 x 43 x 36 mm |
| Part no.             | M090 29 13 10    |

|                         | Measuring range             | Resolution                               | Accuracy   |
|-------------------------|-----------------------------|--|--|
| Electrical conductivity | 0 / 50,000 $\mu\text{S/cm}$ | 1 $\mu\text{S/cm}$<br>0.1 $\text{mS/cm}$ | $\pm 2 \mu\text{S/cm}$ ( $< 199 \mu\text{S/cm}$ )<br>$\pm 5 \mu\text{S/cm}$ ( $200 > 499 \mu\text{S/cm}$ )<br>$\pm 20 \mu\text{S/cm}$ ( $500 > 1999 \mu\text{S/cm}$ )<br>$\pm 0.2 \text{ mS/cm}$ ( $2.00 > 19.99 \text{ mS/cm}$ )<br>$\pm 0.5 \text{ mS/cm}$ ( $20.00 > 50.00 \text{ mS/cm}$ ) |
| Salinity                | 0 / 25,000 ppm              | 0.1 ppm<br>0.01 ppt                      | -  |
| TDS value               | 0 / 50,000 mg/l             | 1 mg/l<br>0.01 g/l                       | -  |
| Temperature             | -5 / +60 °C                 | 0.1 °C<br>0.1 °F                         | $\pm 0.5 \text{ °C}$   |

