

CAPBs® sens WQ10

Water quality



Description

CAPBs® sens WQ10 simultaneously determines the pH value, the electrical conductivity ($\mu\text{S}/\text{cm}$) and hardness ($^\circ\text{dH}$) with a single measurement. In addition, the TDS value (total dissolved solids in the water), salinity and temperature can be measured. Thanks to automatic measuring range switching, the conductivity can be measured with a high measuring accuracy within a large measuring range.

Application

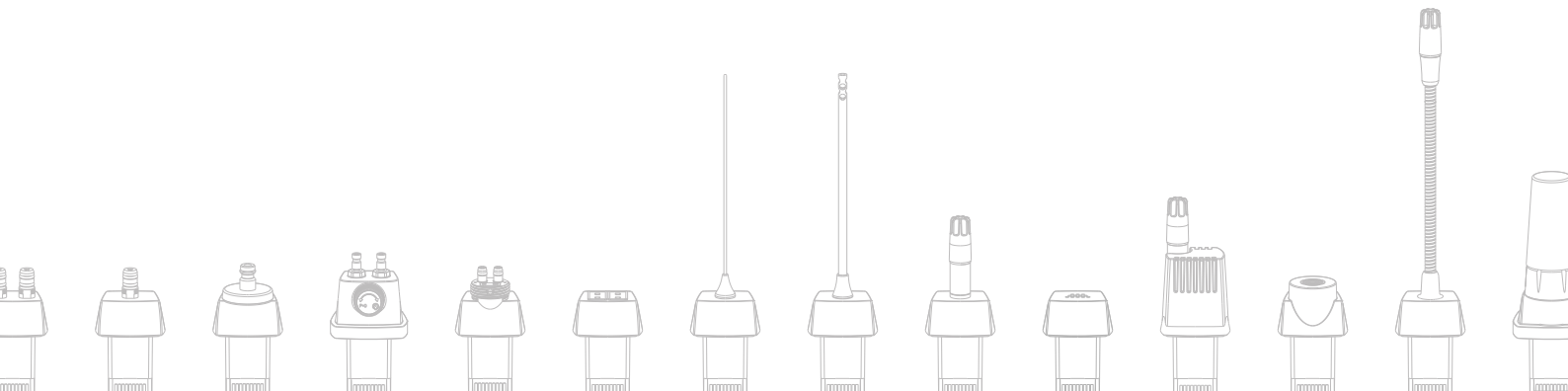
- Determination and evaluation of water quality
- Assessment of system water in heating systems (for example, heating system water analysis as per VDI 2035)
- Measurement of pH value, electrical conductivity, hardness, TDS value, salinity and temperature



Technical specifications

Dimensions H x W x D	130 x 43 x 36 mm
Part no.	M090 25 13 10

	Measuring range	Resolution	Accuracy
Electrical conductivity	0 / 50,000 $\mu\text{S}/\text{cm}$	1 $\mu\text{S}/\text{cm}$ 0.1 mS/cm	$\pm 2 \mu\text{S}/\text{cm}$ ($< 199 \mu\text{S}/\text{cm}$) $\pm 5 \mu\text{S}/\text{cm}$ ($200 > 499 \mu\text{S}/\text{cm}$) $\pm 20 \mu\text{S}/\text{cm}$ ($500 > 1999 \mu\text{S}/\text{cm}$) $\pm 0.2 \text{ mS}/\text{cm}$ ($2.00 > 19.99 \text{ mS}/\text{cm}$) $\pm 0.5 \text{ mS}/\text{cm}$ ($20.00 > 50.00 \text{ mS}/\text{cm}$)
Salinity	0 / 25,000 ppm	0.1 ppm 0.01 ppt	-
TDS value	0 / 50,000 mg/l	1 mg/l	0.01 g/l
pH value	0 / 14 pH	0.01 pH	$\pm 0.01 \text{ pH}$
Temperature	-5 / +60 $^\circ\text{C}$	0.1 $^\circ\text{C}$; 0.1 $^\circ\text{F}$	$\pm 0.5 \text{ }^\circ\text{C}$



WQ10 set

P00032

Application

- Modular extension kit for easy assessment of corrosion damage in heating systems and installations
- Ready to use in combination with all BlueLine® measuring instruments, smartphones or tablets as evaluation devices
- Multi-sensor for pH value, electrical conductivity, German hardness, salinity and temperature

Description

Complete on-site kit for quick assessment concerning the necessity of corrosion protection measures or system cleaning in the practical system case M with sensor unit CAPBs® sens WQ10 and all associated calibration solutions and sample containers.

Scope of delivery

- Sensor unit CAPBs® sens WQ10
- Calibration solutions for pH value
- Calibration solutions for electrical conductivity
- Sample containers
- Cleaning solution
- Storage solution
- Hardness measuring cutlery
- Modular system case M

