

brochure

corrosense



Corrosion rate sensor



aquatorn

 heation

Description

corrosense measures corrosion rate by evaluating the electrochemical response of a reference metal surface. It indicates the corrosion rate at the exact moment of the measurement is done, giving direct insights into how the water is affecting metallic components. Combined with parameters such as dissolved oxygen, pH, and conductivity, corrosense provides data that supports the understanding and monitoring of both the corrosion activity and the conditions in your system that may influence it.



Technical data

Measuring principle	LPR & EIS
Measuring range	0 ... 5 mm/a
Pressure range	0 ... 6 bar
Temperature range	0 ... 60 °C
Accuracy	± 3% FS
Resolution	0,0001
Calibration method	Laboratory comparison

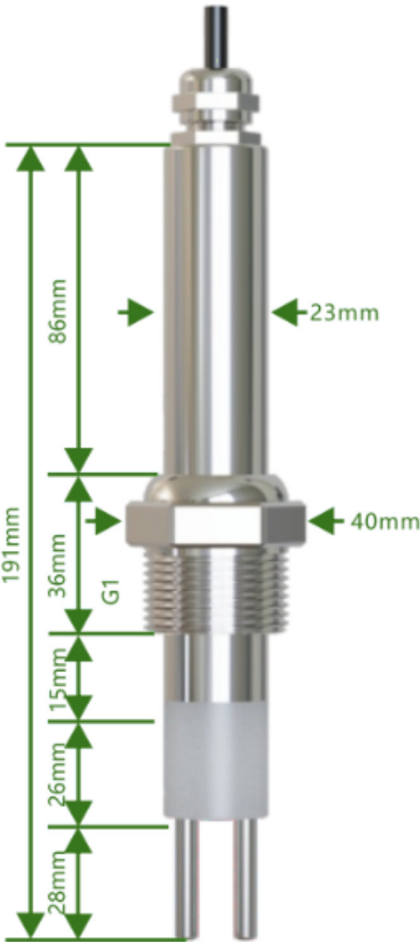
Electrical data

Power supply	12 VDC, 24 VDC
Electrical connection	Pin type
Output signal	Rs485, 4 ... 20 mA
Protection grade	IP68
Cable length	5 m or custom*

* Per request

Materials

Probe	Carbon steel, copper, stainless steel
Pipe thread	G1
Shell	Stainless steel





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