









S411 DIG/N



Applications

-  Drinking water
-  Wastewater
-  Industrial water
-  Cooling towers
-  Electroplating
-  Irrigation
-  Reverse osmosis
-  Boilers

General features

The S411 DIG/N is used for the measurement of conductive conductivity in pure and process water.

- Conductivity measurement with a wide range thanks to the use of a 4-electrode graphite sensor
- Measurement communication via Modbus RTU protocol
- Suitable for industrial applications
- Ease of attachment to the process
- Integrated temperature sensor
- Operating pressure 5 bar
- Sensor body in PPS and epoxy, electrodes in graphite
- Absence of mechanical moving parts
- Immediate installation and easy maintenance

Applications

- Conductivity measurement in wastewater
- Conductivity measurement in industrial and recirculating water

Technical specifications

Measurement range	1 μ S / cm - 200 mS / cm (k = 0.55 nominal)
Measurement method	Conductive with 4 graphite electrodes
Accuracy	\leq 4% on the reading point
Repeatability	\leq 0.2% on the reading point
Response time	5s
Working temperature	-5... 100°C in non-frozen waters
Max pressure	5 bar
Body material	Epoxy and PPS
Measuring electrode	Graphite
Other materials	Viton O-rings
Mechanical protection	IP68
Power supply	12-24 Vdc
Absorption	<250 mA
Cable	10 mt
Signal interface	RS485 Modbus RTU protocol