

S4 II DIG

DIGITAL CONDUCTIVITY SENSOR FOR IMMERSION



FEATURES

- Reliable conductivity measurement courtesy of graphite electrodes
- Two-electrode conductive measurement method with temperature compensation
- Sensor body in PVC
- No mechanical moving parts
- Immediate installation and easy maintenance
- Modbus RTU serial communication protocol

APPLICATIONS

- Artesian wells
- Pure and process water
- Raw water
- Drinking water
- Process water
- Water from air conditioning and boiler systems

TECHNICAL SPECIFICATION

Measurement range	0...20000 μ S
Measurement method	Two-electrode conductive
Accuracy	$\pm 2.5\%$ f.s.
Response time	90% of the value in less than 60 seconds
Refresh time	1 Secs
Temp compensation	With internal NTC sensor (external NTC sensor on request)
Operating temperature	0...50°C
Maximum operating pressure	10 bar
Body material	PVC
Electrode	Graphite
Mechanical protection	IP68 sensor & cable. The sensor is completely resin-coated inside
Power supply	12...24Vdc
Absorption	Max. 2W
Cable	10 m integral-10 m disconnectable cable
Equipotential contact	For solution included
Signal interface	RS485 with Modbus RTU protocol