

S4II DIG IND

DIGITAL INDUCTIVE CONDUCTIVITY SENSOR



FEATURES

- Operates in dirty water conditions up to 1 siemens
- Easily interfaced with data acquisition systems courtesy of Modbus RTU RS485 protocol
- Presence of four possible scales with one or two-point calibration
- Robust body in loaded PP
- Immediate installation

APPLICATIONS

- Wastewater
- Primary waters
- Cooling towers

TECHNICAL SPECIFICATION

Measurement range	0,5...1.000 mS/cm
Accuracy	± 6% on the measuring point
Repeatability	± 3%
Response time	T90 <60s
Operating temperature	-10...60°C
Operating pressure	From vacuum to 6.5 bar
Body material	Glass-filled PP, PPS, Viton® O-ring
Mechanical protection	IP68 (Sensor & cable) / IP67 Connector
Power supply	12-24 Vdc
Cable	10 mt
Signal interface	RS485 Modbus RTU protocol
Thread	1" 1/2 GAS BSP
Measurement method	Inductive without contact electrodes
Temperature compensation	Automatic with built-in PT1000
Salinity	0-120g/kg (programmable conversion factor default 0,64)