

Digital conductivity sensor

innoSens 321-RS

The innoSens 321-RS digital conductivity sensor is based on a dipolar measurement design and can measure salinity, TDS and other parameters at the same time. It is durable, reliable and high-performance and is widely used in water treatment plants and surface water conductivity monitoring.

Measuring parameters

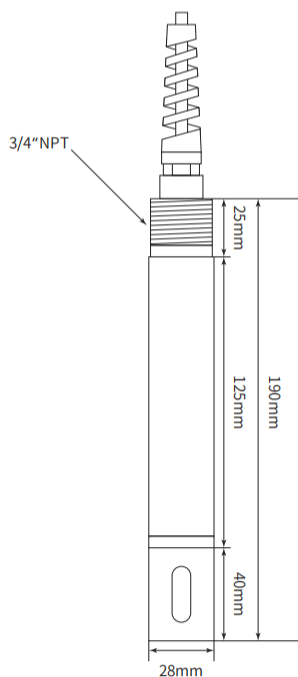
Conductivity, Temperature

Applications

Water treatment, Surface water, Process water



Dimensional Drawing



Features

- Two-pole graphite electrode, stable and reliable measurement
- Built-in temperature sensor, real-time temperature compensation
- Standard RS485 Modbus RTU communication protocol
- Plug and play, easy to install

Technical parameters

Product type:	innoSens 321-RS
Measuring range:	0-20000uS/cm
Resolution:	0.01/0.1/1 uS/cm
Accuracy:	<±1%
Repeatability:	<1%
Response time:	<30s
Supply power:	12~24VDC
Communication:	standard RS485 Modbus RTU protocol
Temperature compensation:	Built-in NTC temperature probe
Operating temperature:	0-50°C
Protection class:	IP68
Mounting:	Submerged installation
Cable length:	10m as standard
Material:	POM+Graphite
Size:	190mm
Weight:	Ca.0.3kg

Order Guide

Order No.	Description
35-0321-10	innoSens 321, Graphite conductivity Sensor
36-0321-10	innoSens 321-RS, Digital conductivity Sensor, RS485 Modbus RTU protocol