



Quick Guide for Industrial Conductivity Electrodes

Features

- Applicable in various industrial conditions with rapid response time and high data stability.
- Optional Conductivity constants $\kappa=0.01$, 0.1, 1 and 10 available for corresponding measurement ranges.
- Selectable electrode materials including stainless steel 316L (SS316L), Titanium and graphite.
- Underwater pressure maximum 1.0MPa available for SS316L Housing.
- Digital sensors integrated with Auto Temperature Compensation (ATC) functionality.

Specifications

Conductivity Constant	0.01, 0.1, 0.1, 1, 10 selectable
Measuring Range	0~20 ($\kappa=0.01$); 0~200 ($\kappa=0.1$); 0~2000 ($\kappa=1$); 0~20000 ($\kappa=10$), Unit: $\mu\text{S/cm}$
Temperature Unit	PT1000、NTC10K (optional)
Waterproof Rate	IP68
Cable Length	3、5、10m (optional)
Installation	Upper and /lower 3/4NPT Threads
Working Temperature	0-80°C (80-110°C on request for OEM or ODM)
ATC Range	0~110.0°C
Underwater Pressure	1.0Mpa (for 316L or Titanium Housing); 0.6 MPa (PPS Housing)
Housing	SS316L, Titanium or PPS
Output Signal	Modbus RS-485 (mV or 4-20mA optional)
Electrode lifetime	1 year (normal maintenance)