

Conductivity industrial online electrodes are primarily used for conductivity measurement in water quality monitoring applications.

Key Features:

- **Temperature Compensation Options:**
Supports multiple thermistor/RTD configurations for precise compensation:
 - NTC: 2.252K, 2K, 5K, 10K, 20K, 30K
 - RTD: PT100, PT1000*Custom configurations available upon request*
- **PTFE Electrode (K=10.0):**
 - Features large-area platinum structure
 - Resistant to strong acids/alkalis and highly contaminated media

Applications:

- ✓ Water treatment equipment manufacturers
- ✓ Seawater desalination
- ✓ Agricultural irrigation & aquaculture
- ✓ Chemical processing
- ✓ Food & beverage production
- ✓ Medical/pharmaceutical
- ✓ Research institutions & universities

Technical Parameter

ABS Platinum-Black Plastic Electrode [Plug-in Type]



Type	Cell Constant	Meas. Range	Application	TCE	Working ENV
SL-1.0	1.0cm ⁻¹	0-20/200/2000/4000/100000μS/cm	Tap Water / Potable Water	NTC 10K PT1K	Temp:0-60°C; Press.:0-0.5MPa

MINI ABS Platinum-Black Plastic Electrode [Quick-install Type]



Type	Cell Constant	Meas. Range	Application	TCE	Working ENV
JM-0.02	0.02cm ⁻¹	0.1-18.25MΩ cm (0.05-10.0μS/cm)	Ultra-pure Water	STD:NTC 10K; OPT:PT100, PT1K, NTC: 2.252K, 2K, 5K, 10K, 20K, 30K	Temp:0-60°C; Press.:0-0.5MPa
JM-0.1	0.1cm ⁻¹	0.2-200.0μS/cm	Pure Water		
JM-1.0	1.0cm ⁻¹	2-20000μS/cm	Tap Water / Potable Water		

PTFE Electrode [Plug-in Type]



Type	Cell Constant	Meas. Range	Application	TCE	Working ENV
SF-10.0	10.0cm ⁻¹	STD:0-200mS/cm OPT:2-500mS/cm	Severely Corrosive Conditions in Wastewater / Chemical Processes	STD:NTC 10K; OPT:PT100, PT1K, NTC: 2.252K, 2K, 5K, 10K, 20K, 30K	NT:0-60°C; HT: 0-120°C; Press.:0-0.5MPa

ABS+316L SS Electrode [Plug-in Type]

Type: JL-0.01



Type: JL-0.1



Type: JL-1.0



Type: JL-10.0



Type	Cell Constant	Meas. Range	Application	TCE	Working ENV
JL-0.01	0.01cm ⁻¹	0.1-18.25MΩ cm (0.05-10.0μS/cm)	Ultra-pure Water	STD:NTC 10K; OPT:PT100, PT1K, NTC 2.252K, 22.5K, 30K	NT:0-60°C; HT: 0-120°C; Press.:0-0.5MPa
JL-0.1	0.1cm ⁻¹	0.2-200.0μS/cm	Pure Water		
JL-1.0	1.0cm ⁻¹	2-2000μS/cm	Tap Water / Potable Water		
JL-10.0	10.0cm ⁻¹	2-100mS/cm	Waste Water		

For bulk order, Meas. Range extends to 500mS/cm



316L SS Electrode [Plug-in Type]

Type: JL-0.01-H



Type: JL-0.1-H



Type: JL-1.0-H



Type: JL-10.0-H

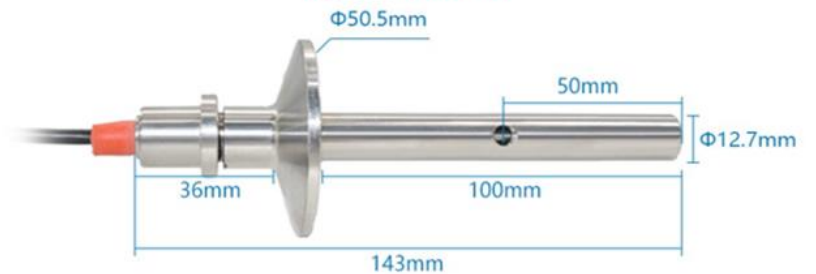


Type	Cell Constant	Meas. Range	Application	TCE	Working ENV
JL-0.01-H	0.01cm ⁻¹	0.1-18.25MΩ cm (0.05-10.0μS/cm)	Ultra-pure Water	STD:NTC 10K; OPT:PT100, PT1K, NTC 2.252K, 22.5K, 30K	NT:0-60°C; HT: 0-120°C; Press.:0-0.5MPa
JL-0.1-H	0.1cm ⁻¹	0.2-200.0μS/cm	Pure Water		
JL-1.0-H	1.0cm ⁻¹	2-2000μS/cm	Tap Water/ Potable Water		
JL-10.0-H	10.0cm ⁻¹	2-100mS/cm	Waste Water		

For bulk order, Meas. Range extends to 500mS/cm

316L SS Electrode [Flange Type]

Type: JF-0.01-H



Type: JF-0.1-H

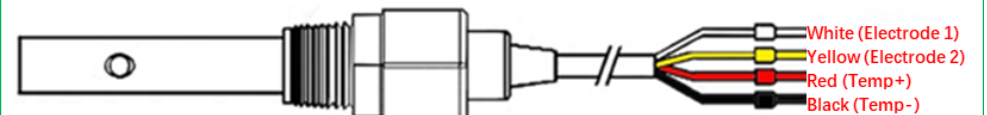


Type: JF-1.0-H

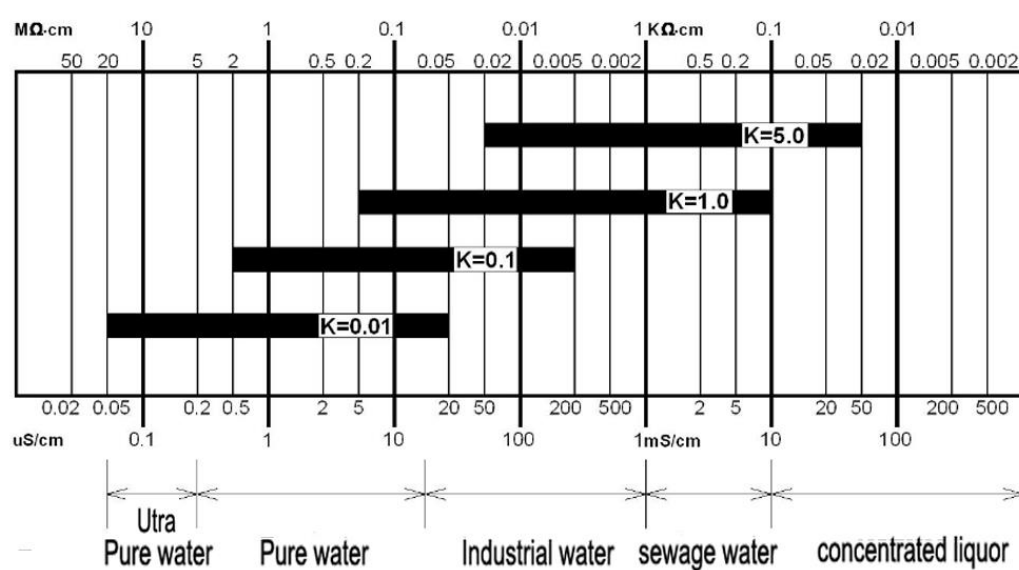


Type	Cell Constant	Meas. Range	Application	TCE	Working ENV
JF-0.01-H	0.01cm ⁻¹	0.1-18.25MΩ cm (0.05-10.0μS/cm)	Ultra-pure Water	STD:NTC 10K; OPT:PT100, PT1K, NTC 2.252K, 22.5K, 30K	NT:0-60°C; HT: 0-120°C; Press.:0-0.5MPa
JF-0.1-H	0.1cm ⁻¹	2-2000μS/cm	Tap Water/ Potable Water		
JF-1.0-H	1.0cm ⁻¹	2-100mS/cm	Waste Water		

Electrode Wiring Diagram



Electrode Selection Reference



Electrode Installation Diagram

