

Online F- Ion Selective Electrode

1. Feature

- Online combination F- ISE sensor, with anti-contamination and anti-pressure features
- For measuring wastewater of Semiconductor, Solar power panel, LCD, Electroplate including fluoride effluent of industries.



2. Specifications

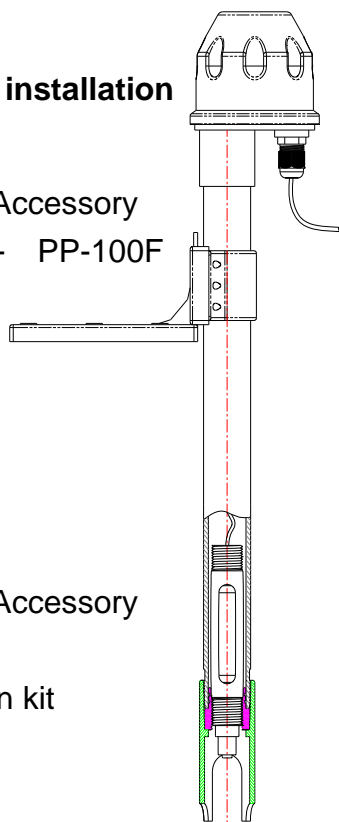
Model	6SKS-8-PROCESS F ⁻
Principle	Ion Selective Electrode
Measuring range	0.20~20000ppm F ⁻
Slope	56±6mV@25°C
Temperature range	0~80°C
Built-in temperature system	PT-1000
Response time	2mins@2ppmF ⁻ & above 1mins@20ppmF ⁻ & above
Interference ion	Al ³⁺ 、Fe ³⁺ 、OH ⁻ , etc.
pH range	5.00~10.00pH
Blank potential	>200mV @ D.I. water
Electrode length	150mm
Body material	PPS
Process conncet	3/4"NPT
Cable length	5M

3. Installation

Immersive installation

Optional Accessory
8-09-5 + PP-100F

Optional Accessory
CH-10
Auto clean kit



Transparent

White

Green

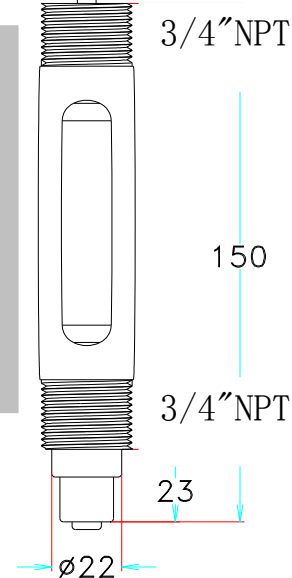
White Shield

Connection Instruction

Transparent---Terminal Glass, or the axis of signal extension cable.

White shield---Terminal REF, or the shield of the signal extension cable.

Green/White---Terminal T/P, GND, or the temperature wire of the signal extension cable.



4. Operation instruction

1. When the sensor is in use, it is recommended to maintain the sensor once or twice a week, and after maintenance the sensor need to be calibrated. Before calibration, please clean the sensor with D.I. water until the blank potential is above +200mV.
2. The sensor is usually clean by tap water. If the fluoride crystal membrane surface is coating with calcium sediments, it is allowed to immerse the sensor in 5~10% HCL acid for 10 minutes, and then clean the sensor with tap water. Finally, immerse the sensor in 3M KCl solution for 10 minutes to revive the membrane. If there is coating by oily substances, it is allowed to soak the sensor in the detergent, and then wash it until it is clean, and finally clean with tap water.
3. If the fluoride crystal membrane surface cannot be clean even with the HCL solution, you may polish it with suede and polishing power, and then clean it thoroughly wit tap water. Please do not use hard and solid material to scratch fluoride single crystal membrane surface.
4. When the electrode is not in use, please maintain it with 3M KCL solution, please do not soak the membrane in pure water for long time.