

Description

For continuous monitoring and control of conductivity / TDS and temperature values of aqueous solutions. Widely used in power plants, petrochemical, metallurgy, paper industry, environmental water treatment, light industrial electronics and other fields.

For example, monitoring and control of raw water and water quality of water production equipment such as power plant cooling water, recharge water, saturated water, condensate water and furnace water, ion exchange, reverse osmosis EDL, seawater distillation.

The sensor is made from a combination of FDA-approved fluid receiving materials. This makes them ideal for monitoring pure water systems for the preparation of injectable solutions and similar applications. In this application, the sanitary crimping method is used for installation.

Features

Easy to connect to PLC, DCS, industrial control computers, general-purpose controllers, paperless recording instruments or touch screens, and other third-party devices.

Measuring the specific conductivity of aqueous solutions is becoming increasingly important for determining impurities in water. Suitable for low conductivity applications in the power, water, semiconductor, and pharmaceutical industries, these sensors are compact and easy to use.

The meter can be installed in several ways, one of which is through the compression gland, which is a simple and effective method of direct insertion into the processing pipeline.

KANAGAWA
INSTRUMENTS

Technical Specification

Model NO.	**KPOS-PS**
Power/Outlet	9~36VDC/RS485 MODBUS RTU
Cell constant	K=0.01
Measure material	Graphite (2 Electrode)
Housing material	316L+POM
Waterproof grade	IP68
Measurement range	0-20us/cm
Accuracy	±1%F.S
Pressure resistance	≤2.0Mpa
Temperature compensation	NTC10K
Temperature range	0-130℃
Calibration	Sample calibration, standard liquid calibration
Connection methods	4 core cable
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4''
Application	General application, river, lake , drink water,etc.

Technical Specification

