Conductivity probe
User Manual

JXEC-T Series

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Weihai JXCT Electronics Co., Ltd.

Chapter 1 Product Introduction

1.1 Product Introduction

This product is a conductivity probe widely used in thermal power, chemical fertilizer, metallurgy, environmental protection, pharmaceutical, biochemical, sewage and tap water solutions to measure EC value or TDS value and water temperature.

The monitoring data can be connected to the recorder through the transmitter output for remote monitoring and recording, and can also be connected to the RS485 interface through the MODBUS-RTU protocol to easily connect to the computer for monitoring and recording.

1.2 Features

- High performance and high precision electrodes
- Intelligent temperature compensation measurement is more accurate
- Good stability against high temperature and high pressure
- The quality of Seiko components is further upgraded
- Wide range of applications

1.3 Probe parameters

model	electrode picture	Number of electrodes	Cell constant	shell Material	application scope	Install Thread	Measuring range
JXEC-T001		2	K=0.01	304Stainless steel	Pure water Detection	G3/4(55° Cylindrical pipe thread)	(0~20)uS/cm
JXEC-T010		2	K=0.1	304Stainless steel	drinking water Detection	G3/4(55° Cylindrical pipe thread)	(0.2~200)uS/cm
JXEC-T100		2	K=1	304Stainless steel	Kawamizuhara Water Testing	G3/4(55° Cylindrical pipe thread)	(2~2000)uS/cm
JXEC-T1000		2	K=10	304Stainless steel	Sewage waste Water Testing	G3/4(55° Cylindrical pipe thread)	(0.02~20)ms/cm

JXEC-T10000		2	K=10	Polysulfone resin	Sewage waste Water Testing	G3/4(55° Cylindrical pipe thread)	(0.02~20)ms/cm
JXEC-T100000		2	K=30	304Stainless steel	Sewage waste Water Testing	G3/4(55° Cylindrical pipe thread)	(0~199)ms/cm
JXEC-T1000000		2	K=1000	304Stainless steel	Seawater testing High concentration salt water	G3/4(55° Cylindrical pipe thread)	10uS/cm~500ms/cm

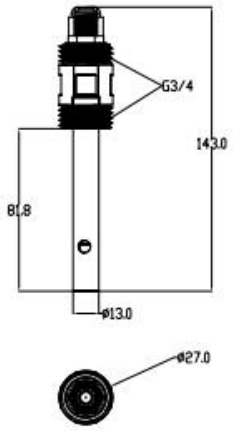
surface1

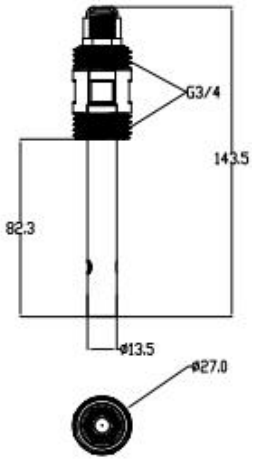
Chapter 2 Product Hardware

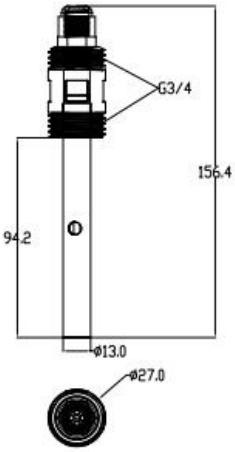
2.1 Wiring Connection

Figure 1 T10000 wiring diagram 2 Normal wiring

2.2 Structural dimensions







picture3T010/T100 Dimensions4T001/T1000/T10000size picture5T100000/T1000000 Dimensions

No.threechapter Precautions

During the use of this product, the data may be wrong after the power is turned off and then on again. The reason is that after the stainless steel probe used in this product is powered on, the charge is attracted to the surface of the probe. After the power is turned off, the electrode surface must be free of water before the power is turned on again for accurate measurement.