Flowtech 2021 Series Conductivity Controller

Flow-Con Series

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212 µs

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Product Description

Flowtech pH Series is a microprocessor-based water quality monitoring control instrument. The measured value is displayed as μs/ppm and by comparing the measured value to a user defined alarm set point value, relay outputs are available to indicate if salinity is above or below the alarm set point value.

This instrument is widely used in power plants, petrochemical industry, metallurgical electronics, mining industry, paper industry, medicine, food and beverage, water treatment, modern agricultural planting and other industries. It is suitable for softening water, raw water, steam condensate water, seawater distillation and deionized water, etc. It can continuously monitor and control the conductivity, resistivity, TDS, salinity and temperature of aqueous solutions.

Features:

- Large display, standard 485 communication, with online and offline alarm, 96 X 96 X 110mm, TFT display.

- The data curve recording function is installed, the machine replaces the manual meter reading, and the query range is arbitrarily specified, so that the data is no longer lost.

- The design of the whole machine is dustproof, and the back cover of the connection terminal is added to extend the service life in harsh environments

Technical Details :

Conductivity	0-500mS/cm
Resolution	0.1us/cm;0.01ms/cm
Intrinsic error	±0.5%F. S
Resistivity	0-18.25MΩ/cm
Resolution	0.01KΩ/cm;0.01MΩ/cm
TDS	0-9999mg/L; 0-250g/L
Resolution	0.01mg/L;0.01g/L
Salinity	0-700ppt
Resolution	0.01ppm;0.01ppt
Temperature	-10-150°C
Resolution	±0.3°C
Temperature compensation	Automatic or manual
Current output	2 Rd 4-20mA
Communication output	RS 485 Modbus RTU
Other function	Data recording, curve display, data uploading
Relay control contact	Two:5A 250VAC,5A 30VDC
Optional power supply	85-305VAC, 9-36VDC, Power: ≤3W
Relative humidity	No more than 90%
Enclosure	Dustproof
The instrument weight	: 0.6kg
Instrument dimensions	96 X 96 X 110mm
Installation	Panel mounting

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