

Flowtech 2021 Series pH Controller

Flow-pH Series





Product Description

Flowtech pH Series is an on-line water quality monitoring and control instrument with microprocessor.

pH electrodes or ORP electrodes of different types are widely used in power plant, petrochemical industry, metallurgical electronics, mining industry, paper industry, biological fermentation engineering, medicine, food and beverage, environmental water treatment, aquaculture, modern agriculture, etc.

The pH (acid, alkalinity) value, ORP (oxidation, reduction potential) value and temperature value of aqueous solution were continuously monitored and controlled.

Features:

- TFT display
- Intelligent menu operation
- Multiple automatic calibration function
- Manual and automatic temperature compensation
- Two relay control switches
- High & low alarm and hysteresis control
- 4-20mA & RS485, Multiple output modes
- Password protection function to prevent misoperation by non-staff

Technical Details :

Measuring Range	pH: (-)2 -16pH; ORP : (-)1999- (+)1999mV
Resolution	pH : 0.01pH; ORP:1mV
Accuracy	pH: ± 0.02 pH; ORP: ± 2 mV;
Temperature	0-150 deg C (Depend on the Sensor)
Temperature resolution	0.1 deg C
Temperature accuracy	± 0.3 deg C
Temperature compensation	0-150 deg C
Temperature compensation	Manual or automatic
Stability	pH: ≤ 0.02 pH/24h; ORP: ≤ 2 mV/24h
Current outputs	Two :4-20mA,20-4mA,0-20mA
Communication output	Rs485 MODBUS RTU
Two relay control contacts	Two:5A 250VAC,5A 30VDC
Power supply	85 - 305VAC, Optional 9-36VDC
Working conditions	No strong magnetic field interference except the geomagnetic field.
Working temperature	-10 – 60 deg C
Relative Humidity	$\leq 90\%$
Enclosure	Dustproof
Dimensions	96x96x110mm
Installation methods	Panel mounting

FLOWTECH

Scan QR to Connect



Flowtech Measuring Instruments Pvt Ltd

sales@flowtech-instruments.com
flowtech-instruments.com

