

PRX1 Series Online pH/ORP Controller



- Compact and lightweight design
- Suitable for panel installation in cabinet
- Large display screen can display electrode measurement data and other necessary management data
- The language can be customized, the user can calibrate and set various parameters by operating the buttons
- Connect and control other devices through relays, can also use 4-20mA current signal or RS485 digital signal to transmit information



Specification	Description	PRX1-C1	PRX1-C1Z	PRX1-C2	PRX1-G2
Measurement Object	pH, ORP	●	●	●	●
Temperature Unit	NTC10K, PT1000	●	●	●	●
Measuring Principle	pH: glass pH electrode (hydrogen ion conc. index)	●	●	●	●
Measuring Principle	ORP: platinum or gold electrode (redox potential)	●	●	●	●
Measuring Range	pH: 0~14 pH; ORP: ±2000 mV; Temp.: -10~150 °C	●	●	●	●
Resolution	pH: 0.01 pH; ORP: 1 mV; Temp.: 0.1 °C	●	●	●	●
Temp. Compnsation	Automatic or manual	●	●	●	●
Accuracy	±0.02 pH, ±2 mV	●	●	●	●
Repeatability	Better than 0.1 % of measuring range	●	●	●	●
Display Screen	128x64 dot matrix, 3.2" black and white graphic LCD	●	●	●	●
Power-off Protection	Setting data retained when controller is powered off	●	●	●	●
Relays	Two settable SPST relays, max. load 3A/250VAC	●	●	●	●
Current Output	0/4~20mA settable active current loop	1	1	2	2
Digital Communication	A two-wire RS485, Modbus RTU	—	●	●	●
Controller Dimension	100x100x120 mm	●	●	●	●
Installation Method	Panel	●	●	●	●
Power Supply	AC 100~240 V 50/60 Hz or DC 18~36V	●	●	●	●
Maximum Power	3W	●	●	●	●