

innoCon 6800P

pH / ORP Controller

Measuring parameter

- pH
- ORP/Redox
- Temperature

Features

- The latest wide power input, super anti-interference design
- Flame retardant plastic bite shell, better texture feel
- Large-screen backlit LCD shows measured values, temperature and relay status
- Chinese / English menu, easier to operate
- Password protection, to prevent unauthorized operation
- New calibration steps can help reduce operational errors
- NEMA4X / IP65 protection class, a variety of installation methods
- 2 sets relay output can set High/ Low
- Automatic cleaning relay output
- 2 channel 4-20mA current / RS485 Modbus output
- One key to restore factory settings



Single channel controller for pH, ORP, Temperature

InnoCon 6800P controller is specially designed for water treatment and industrial process control.

Used with innoSens pH/Redox sensor, it can measure the pH, Redox and temperature of the sample water. It features automatic temperature compensation and has various mounting methods. 4-20mA/RS485 and multiple control function outputs are a standard feature.

Application

- Process Water
- Disinfection
- Drinking Water
- Food & Beverage
- Cooling Water
- Wastewater Treatment
- Pool

Specification

Measuring parameter

Ph:	-2.00 - 16.00 pH
ORP:	-2000 - 2000 mV
Temperature:	0 - 130 °C

Input

Measuring sensor: innoSens pH/ORP sensor
 Temperature probe: Pt-1000 / NTC-10K (optional)

 www.jensprima.com

JENSPRIMA INSTRUMENTS

Output

Analog Output 1: 4-20 mA isolated current output for pH/ORP, it can be made to represent any segment of the measuring scale.
Load: Max 600Ω

Relay 1&2 (Alarm)

Operation: ON/OFF
Selectable action : High / Low
Set Point: High/10.00 ppm; Low/4.00 ppm (adjustable)
Hysteresis: 0.01 ppm (adjustable)
Relay contacts: 5A/250VAC;5A/30VDC
Interface: RS 485 Modbus RTU
Baud rate: 9600 bps
Data format: 8 bit

General Information

Resolution: 0.01pH/1mV/ 0.1°C
Accuracy: ±0.01pH/±1mV/±0.2°C
Temperature compensation type: Pt 1000/NTC 10K
Range of temperature compensation: -10.0~130.0°C
Working temperature: 0~70.0°C
Store temperature: -20~70.0°C
Input diagnosis: >1012Ω
Display: Backlit lattice LCD display
Analog output: Isolated 4-20mA output, can set pH/ORP, maximum load 500Ω
Communication: RS485 Modbus RTU (Baud rate: 9600)
Alarm output: 2 sets of ON/OFF contacts, independently set Hi/Lo alarm points, with hysteresis setting, 5A/250VAC, 5A/30VDC
Password: Setting mode: 0022, calibration mode: 0011
Language: English/Chinese
Power supply: 90-260VAC,50/60Hz; 24VDC optional
Protection grade: IP65
Installation type: Panel/pipe mounting
Dimension: 108 x 108 x 145mm
Opening hole size: 92 x 92mm
Weight: 0.6Kg

Order Guide

pH / Redox controller

Order No.	Type	Descriptions
33-6501-10	innoCon 6501P	pH/Redox controller, 90 - 260V AC
33-6501-14	innoCon 6501P	pH/Redox controller, 24V DC

Accessories See innoSens pH / Redox sensor.