

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)

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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

Analog Output 2: 4-20 mA isolated current output for TEMP., 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/10.00mg/L; Low/4.00mg/L (adjustable)
Hysteresis: 0.10mg/L (adjustable)
Relay contacts: 5A/250VAC; 5A/30VDC

Relay 3 (Washing Relay):

Wash interval: 0.1~1000hour
Wash time: 1~1000s
5A/250VAC;5A/30VDC

Interface:
RS 485 Modbus RTU
Baud rate: 9600 bps
Data format: 8 bit

General Information

Power supply: 90 - 260V AC, 50/60Hz; 24VDC(Optional)
Temperature: Operating temperature: 0 - 60 °C; Storage temperature: -20 - 70 °C
Humidity: Max. 90% rH at 40°C (non-condensing)
LCD Screen: Big-size screen of crystal display, white back light
Language: Chinese / English
Passcode: Set mode: 0022, Calibration mode: 0011
Protection grade: IP65
Dimensions: 144 * 144 * 110mm
Installation: Wall/Pipe/Panel Mounting
Panel Cut Size: 138 * 138mm
Weight: 0.85Kg

Order Guide

Order No.	Type	Descriptions
33-6801-10	innoCon 6800P	pH/ORP controller, 90 - 260V AC
33-6801-14	innoCon 6800P	pH/ORP controller, 24V DC