Intelligent Controller

innoCon 6800 plus

The innoCon 6800 plus intelligent controller is designed for water treatment and industrial process monitoring, with Chinese/English menus, automatic temperature compensation, two 4-20mA/RS485 Modbus RTU and Hi/Lo alarm outputs as standard, panel and wall mounting. Different water quality parameters can be measured by selecting different innoSens electrodes.

Measurement parameters

pH/ORP、Conductivity/TDS/Salinity、Residual chlorine/Chlorine dioxide/Ozone、Dissolved Oxygen、Ion concentration

Applications

Wastewater, boiler water、drinking water
process water、untreated water

Features

● The latest wide power input, super anti-interference design
● 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
● 2 sets relay output can set High/ Low
● Automatic cleaning relay output
● 2 channel 4-20mA current
● RS485 Modbus output

Technical parameter

Item No.:	innoCon 6800P	innoCon 6800C	innoCon 6800CL	innoCon 6800O	innoCon 6800I
Measurement:	pH/ORP	Conductivity/TDS/Salinity	Cl2 / ClO2/Ozone	ppm/ppb Dissolved Oxygen	Ion concentration
Range:	-2.00 - 16.00pH	0 - 2000mS/cm,	0 - 2.000ppm	0 -20.00mg/L,0 - 200%	0 - 20000ppm
	-2000 - 2000mV	0 - 99900ppm,0-78ppt	0 -20.00ppm	0 - 200μg/L	
Resolution:	0.01pH/1mV	0.01/0.1/1	0.001/0.01ppm	0.01mg/L,0.1μg/L	0.01/0.1/1ppm
Accuracy:	±0.01pH/±1mV	±1%	±2%f.s.	±1%f.s.	±5%f.s.
Compensation:	PT1000 or NTC10K	PT1000 or NTC30K	PT1000	PT1000 or NTC10K	PT1000 or NTC10K
Display:	Big-size screen of crystal display, white back light				
language:	Chinese / English				
Passcode:	Set mode: 0022, Calibration mode: 0011				
Power supply:	90 - 260V AC, 50/60Hz; 24VDC(Optional)				
Current output:	2x Isolated 4-20mA outputs, programmable measured value and temperature, max. load 500Ω				
Digital communication:	RS485 Modbus RTU				
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC				
Washing Relay:	Wash interval: 0.1-1000h, Wash time:1-1000s				
Working temperature:	0~70.0℃				
Protection class:	IP65				
Installation:	Wall/Pipe/Panel Mounting				
Size:	Dimensions: 144 × 144 × 110mm, Panel Cut Size: 138 × 138mm				
Weight:	Ca.0.85Kg				

Order No.	33-6801-10	33-6801-20	33-6801-30	33-6801-40	33-6801-50