

pH/ORP Industrial Online Controller/Transmitter 3621/3631



Features

- Easy to install 1/8 DIN plastic casing.
- Clear LCD displays pH, mV or temperature with backlight.
- Universal power supply input from 100-240VAC.
- Automatic buffer recognition of US and NIST buffer sets. Calibrated data is stored in memory and ready to for use on power up.
- Automatic or manual temperature compensation.
- Displays absolute and relative ORP.
- Two sets of programmable on/off relays for pH or ORP (3621).
- Isolated and reversible 4-20mA current output for pH or ORP allows it to be used as a proportional output (3631).
- RoHs compliant.



Specifications

	Range	Resolution	Accuracy
pH	-2.00~16.00pH	0.01pH	±0.1%±1 digit
mV (absolute / relative)	-1999~+1999mV	1mV / 1mV	±0.1%±1 digit
Temperature	-10.0~120.0°C	0.1°C	±0.3°C
pH Buffer Recognition	US (4.01, 7.00, 10.01) or NIST (4.00, 6.86, 9.18), user selectable.		
pH Electrode Offset Recognition	±100mV at pH 7.00 / -91.7mV to +108.3mV at pH 6.86.		
pH Electrode Slope Recognition	±30% at pH 4.00, 4.01, 9.18 or 10.01.		
Temperature Compensation	Manual / Auto -10.0~120.0°C (Thermistor, 10K ohm / PT-1000).		
Input Impedance	>10 ¹³ ohms.		
Input Select	User selectable pH or ORP.		
Control Type / Relay Output (3621)	2 ON/OFF controls /5A at 115V AC or 2.5A at 220V AC, resistive load only.		
Current Output Range / Scale(3631)	4 to 20 mA (isolated) / Liner		
Maximum Load	500 ohm		
Isolation Voltage	500 VDC		
Display	LCD, with backlighting.		
Power	100~240VAC at 50/60 HZ.		
Ambient Temperature Range	From 0~50°C.		
Case	1/8 DIN case, 90mm depth.		

Accessories

IP-600-10	For wastewater (pH glass electrode, PPS housing, NPT3/4" thread, 20 m cable).
IP-600-9 TH	For wastewater (pH glass electrode, PPS housing, NPT3/4" thread, 5 m cable, with temperature thermistor).
IR-500-8	For wastewater (ORP glass electrode, PPS housing, NPT3/4" thread, 5 m cable).
009A	Protective submersion housing.
012-150-00	Waterproof enclosures