

pH/Temp Industrial Online Controller 6308PT/6308OT

Features

- Graphic LCD with manual backlight displays pH (6308PT) / ORP (6308OT), temperature, relay status and transmitter current mA output simultaneously.
- Automatic buffer recognition of US and European buffer sets (6308PT only). Calibration data is stored in memory and is ready for use on power up.
- Isolated and reversible 4-20 mA current output for pH(6308PT) / ORP(6308OT) allows it to be used as a proportional output.
- 5 programmable on/off relays: 4 for pH(6308PT)/ORP(6308OT) and 1 for temperature.
- RS-485 output for remote access allows multiple units to be connected and ganged together.
- Password protection.
- IP65



Specifications

Catalog number		6308PT	6308OT
Range	pH / ORP	-2.00~16.00pH	-2500~+2500AmV / -6499~+6499RmV
	Temperature	-10.0~120.0°C	
Resolution	pH / ORP	0.01pH	1mV
	Temperature	0.1°C	
Accuracy	pH / ORP	±0.01pH±1 digit	±0.1%±1 digit
	Temperature	±0.2°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		Auto -10.0~120.0°C (Thermistor, 10K ohm at 25.0°C).	/
Input Impedance		>10 ¹³ ohms.	/
Current Output Range		4 to 20 mA (isolated), programmable span.	
Current Output Scale		User programmable, linear or log.	User programmable, linear.
Maximum Load		500 ohm.	
Isolation Voltage		500V DC.	
Control Type		5 ON/OFF controls.	
Relay Output		5A at 115V AC or 2.5A at 220V AC, resistive load only.	
Display		128 x 64 graphical LCD with backlight.	
Security		4-digit password.	
Power		115V AC or 230V AC at 50/60 HZ.	
Ambient Temperature Range		From 0~50°C.	
Weight / Case		950 grams / IP65, 1/4 DIN case, 148mm depth.	

Accessories

IP-600-9 (TH)	For wastewater (pH glass electrode, PPS housing, NPT3/4" thread, 5 meters cable, with temperature thermistor), 6308PT only.
IR-500-8	For wastewater (ORP glass electrode, PPS housing, NPT3/4" thread, 5 m cable), 6308OT only.
009	Protective submersion housing.
012-200-00	Waterproof enclosures