

6311

Description

pH & ORP analyzer, 1/4 DIN panel mount IP-65 case. Features 4 fully programmable relays for pH or ORP and one for wash. RS-485 interface, password protected with individual ID's. 4-20 mA analog output is fully programmable, assignable & reversible. Tinned lead connectors. CE Approved .

- Ph/ORP/temp. measurement & control
- Display pH electrode efficiency
- User selectable ATC element: 3k balco, 10k, and pt-1000
- Reversible & isolated 4~20ma output
- RS-485 output
- Bumpless calibration
- Graphic LCD display, 128 x 64 with backlight
- Membrane switch with audio feedback
- Auto temp. compensation
- High 50/60 hz noise rejection
- Pipe/wall/panel mounting
- 1/4 DIN watertight enclosure
- One programmable relay for temp.
- CE approved
- Programmable linear/ ORP current output or programmable linear/ anti-logarithmic current output



Specifications

	Range	Resolution	Accuracy
pH	-2.00 to 16.00	0.01pH	± 0.1 % pH ± 1 LSD
ORP(Absolute)	-2500 to 2500mV	1mV	± 0.1 % mV
ORP(Relative)	-6499 to 6499mV	1mV	± 0.1 % mV
Temp.	-10.0 to 120 °C	0.1°C	± 0.3°C

pH

- Temperature compensation range: -10.0 to 120.0 °C
- Buffer recognition: 4.01, 7, 10.01 / 4.00, 6.86, 9.18
- Buffer temperature range: 0 to 60.0 °C
- Electrode slope compensation: ±30% of ideal slope
- Electrode offset compensation: ±100 mV
- Input impedance: Greater than 10 exp(13) ohms
- Calibration auto end point sensing: Yes

Output Relays

- pH or ORP: 4 programmable for pH or ORP
- Temperature: 1 programmable, manual relay
- Control type: On/off
- Relay output (resistive load only): 5amps at 115 VAC 2.5 amps at 230 VAC
- Relay set point hysteresis: User programmable

Current Output

- Type: Isolated 4 to 20 mA
- Range: Selectable zero, & span
- Accuracy: ±0.02mA
- Isolated voltage: 500 VDC
- Maximum load: 500 w

General

- ATC sensor: 3k balco, 10k, and pt-1000, selectable
- Security protection: 4digit password
- Keypad: Audio feedback
- Communication: RS-485
- Pre-amplifier voltage: ±5 VDC, 20mA max output
- Power source: 115/230 VAC, 50/60hz
- Dimensions: 1/4 DIN, depth 148mm
- Weight: 940 gm