

pH CONTROLLER MODELS 6303C & 6303P

FEATURES

- * PROGRAMMABLE, REVERSIBLE & ISOLATED
4-20 mA CURRENT OUTPUT (6303C)
- * PROGRAMMABLE REVERSIBLE PULSE FREQ. OUTPUT
PROPORTIONAL TO ION CONCENTRATION (6303P)
- * NBS BUFFER RECOGNITION (pH 4.00, 6.86 & 9.18)
- * USER PROGRAMMABLE BUFFERS VIA KEYBOARD
- * SET POINT SECURITY CODE PROTECTION
- * DUAL OUTPUT RELAYS
- * USER PROGRAMMABLE RELAY HYSTERESIS
- * AUTOMATIC/MANUAL TEMP. COMPENSATION
- * LOW DRIFT & HIGH STABILITY
- * USER FRIENDLY KEYPAD FORMAT
- * CE APPROVED VERSION AVAILABLE
- * POWER DOWN MEMORY BACKUP
- * ¼ DIN HOUSING
- * NEMA 4 BEZEL (PROVIDE WATERTIGHT SEAL AGAINST
MOUNTING PANEL.)



	RANGE	RESOLUTION	ACCURACY
pH	2.00 to +16.00 pH	0.01 pH	±0.01, ±1 digit
mV	-1999 to +1999 mV	1 mV	±0.1%, ±1 digit
TEMP °C	-3.0 to +115.0 °C	0.1 °C	±0.2 °C

INPUT IMPEDANCE
 TEMP. COMPENSATION
 NBS BUFFER RECOGNITION
 SINGLE POINT STANDARDIZATION
 DUAL POINT STANDARDIZATION
 BUMPLESS CALIBRATION
 DISPLAY
 LOCK
 RELAY SET POINT HYSTERESIS
 RELAY OUTPUT (Resistive Load)
 CE CERTIFICATION
 NEMA 4
 POWER FAILURE BACKUP
 DIMENSIONS
 WEIGHT
 POWER SOURCE

>10¹¹ Ω
 AUTO/MANUAL 0 to +115.0 °C (Thermistor 10KΩ)
 Stored 4.00, 6.86 & 9.18
 Eliminates Electrode Offset
 Calculates/Compensates for Electrode Slope & Offset
 Controller Output Does Not Change During Calibration
 0.5 inch High LCD
 Set values cannot be changed unless lock code is entered
 User Programmable
 5 Amp at 115 V AC, 2.5 Amp at 230 V AC
 EFFECTIVE JANUARY, 1998
 Front of the MOUNTING panel
 YES
 ¼ DIN case, 4¼ inch deep behind mounting panel (BNC Connector included)
 680 gm
 115 V AC, 230 V AC ±15%, 50/60 Hz

6303C-pH: 4-20 mA CURRENT OUTPUT

REVERSIBLE BETWEEN SET POINTS
 4-20 mA Output Isolation 1000V DC max.
 4-20 mA Output Linearity 0.1 % of span
 4-20 mA Output Noise 0.04 mA typical
 4-20 mA Load 550 Ω max.
 4-20 mA Accuracy ±0.02 mA

6303P-pH: PULSE OUTPUT

Pulse Frequency Reversible 1-100 output between any two
 set points
 Isolation Voltage 1000V DC max.