



¼ DIN pH/ORP Controllers

With Dual LED Displays

PHCN-430
\$375



- ✓ On-Off and Time Proportional Control with Dual 10 A Relays
- ✓ Automatic/Manual Temperature Compensation Standard
- ✓ ±0.01 pH/±1 mV Accuracy
- ✓ 4 to 20 mA Output Standard
- ✓ Dual Display Indicates Both pH and Temperature

The PHCN-440 provides time proportional control of pH in industrial environments. The PHCN-430 is designed for on/off control applications. Both units feature dual 4 digit displays to simultaneously indicate both the pH and temperature. In the case of the PHCN-440, the setpoint control value will be displayed in place of the temperature. Temperature compensation is either automatic or manual. In addition both units can be used to measure ORP in the range of ±1999 mV with an accuracy and resolution of 1 mV. The PHCN-430 and PHCN-440 has a fixed 4 to 20 mA output. Additional features include auto-calibration, built in diagnostics and memory backup of last calibration.

Specifications

pH Range: 0.00 to 14.00 pH

pH Resolution: ±0.01 pH

pH Accuracy: ±0.01 pH

mV Range: ±1999 mV

mV Resolution: 1 mV

Relative Accuracy: ±1 mV

Temperature Range: 0. to 100.0°C (32 to 212°F)

Temperature Resolution: 0.1°C

Display: Dual, indicates both pH and temperature or setpoint value, 14.2 mm (0.56")

Control: PHCN-430 Dual 10 A relays, on/off control; PHCN-440 Dual relays, time proportional, rated 10 A at 120 Vac

Temperature Compensation: 100 ohm Pt RTD, or manual

Time Delay: PHCN-440, Multiples of 24 sec., up to 40 min.

Ambient Operating Range: 5 to 50°C (41 to 122°F)

Power: 110/220 Vac, 50/60 Hz

Dimensions: 96 mm sq (3.772")

Panel Cutout: 92 mm sq (3.622"); ¼ DIN



PHCN-440, \$395, shown smaller than actual size.

Weight: 0.9 kg (1.98 lb)

Recorder Output: PHCN-440: 4 to 20 mA, full scale or adjustable; PHCN-430 fixed 4 to 20 mA. Internally powered 500 Ω max. (non isolated)

Memory Features: Autocalibration, built-in diagnostics, back-up of last calibration

Setpoint Hysteresis: 0.1 pH unit (fixed)

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description
PHCN-430	\$375	pH/ORP controller, with dual on/off relays
PHCN-440	395	pH/ORP controller, with dual time proportional relays
PHE-6510	115	Submersible pH electrode; requires mounting assembly
ORE-6510	137	Submersible ORP electrode; requires mounting assembly
PHEH-65-10	44	Mounting assembly, manual temp. compensation
PHEH-65-10-PT100	123	Mounting assembly with ATC
FW-317	34.99	Reference Book: Instrumentation and Control Systems

Comes with complete operator's manual.

Ordering Examples: PHCN-440 time proportional pH/ORP controller, \$395. PHCN430, on/off pH/ORP controller, \$375.





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• Flow and Level

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• pH and Conductivity

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• Heaters

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