



INDUSTRIAL pH INSTRUMENTATION & ELECTRODES

1/16 DIN pH Controller

PHCN-70
\$239



- ✓ Dual Display of pH and Temperature
- ✓ High/Low Setpoints
- ✓ Optional NEMA-4X Lens Cover
- ✓ Compact Size



PHCN-70, \$239, both shown actual size.



The new microprocessor-based family of pH 1/16 DIN Panel mounted controllers are designed for a wide variety of environmental monitoring applications. The PHCN-70 features two 3 Amp SPDT relays for on/off control or alarms, automatic temperature compensation with 100 Ω RTD, bright dual displays of pH (red) and temperature (green) LEDs and EEPROM memory to protect settings in case of power loss.

An optional NEMA-4X gasketed lens cover fits over front bezel of controller made of watertight corrosion-resistant ABS plastic.



AVAILABLE FOR FAST DELIVERY!

Specifications

Accuracy: 0.01 pH, 0.1°C

pH Range: 0 to 14 pH

Temperature: 0 to 100°C (32 to 212°F)

Resolution: 0.01 pH, 0.1°C

Temperature Compensation: PT100

Display: 3 digits LED, two lines, 9.5 mm (0.375") High

Dimensions: 45 L x 45 W x 119 mm D (1.77 x 1.77 x 4.7")

Outputs: Dual 3 Amp SPDT Relays @ 115 Vac

Deadband: 0.00 to 2.55 pH adjustable

Power: 80 to 250 Vac, 50/60 Hz

Weight: 142 g (5 oz)

Connection: BNC for pH;

screw terminals for power, relay and ATC

Panel Cutout: 45 mm² (1.772" sq); 1/16 DIN

To Order (Specify Model Number)

Model No.	Price	Description
PHCN-70	\$239	pH controller
PHE-5460	134	In-line pH electrode, see page D-31 for complete details
PHEH-54-10-PT100	185	Mounting assembly for pH electrode (required)

Unit comes complete with mounting brackets and operator's manual.

Ordering Example: PHCN-70 pH controller and PHCN-70-COVER, NEMA-4X Lens Cover, \$239 + 19 = \$258.

Accessories

Model No.	Price	Description
PHCN-70-COVER	\$19	NEMA-4X lens cover
PHA-4	5	4.00 pH buffer solution 500 mL (1 pint) bottle
PHA-7	5	7.00 pH buffer solution 500 mL (1 pint) bottle
PHA-10	5	10.00 pH buffer solution 500 mL (1 pint) bottle
ES-2258	100	Reference Book: Water Treatment Storage Facilities Handbook



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• Flow and Level

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• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers, Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters