



## 1/16 DIN pH Controller

### PHCN-70 Series



PHCN-70

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

Both shown actual size.

The 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.



PHCN-70 with PHCN-70-COVER

### 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 mm<sup>2</sup> (1.772" sq); 1/16 DIN

### To Order

Model No.	Description
PHCN-70	pH controller
PHE-5460	In-line pH electrode
PHEH-54-10-PT100	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.

### Accessories

Model No.	Description
PHCN-70-COVER	NEMA-4X lens cover
PHA-4	4.00 pH buffer solution 500 mL (1 pint) bottle
PHA-7	7.00 pH buffer solution 500 mL (1 pint) bottle
PHA-10	10.00 pH buffer solution 500 mL (1 pint) bottle