pH Meter PCE-PHC 10

PCE-PHC 10 pH Meter

2-point pH controller / Measures pH and regulates pH / 3-point calibration / For fish farming, electroplating or water treatment

The pH process controller PCE-PHC 10 measures and regulates the pH of various substances and is able to influence the pH value. The pH process controller is a classic 2-point controller, depending on the application, the controller can be used to influence the liquid in the direction of alkaline or acidic. The limit values for the 2-point control are programmed via the buttons of the pH controller, which are located on the front. Also in the front is the LED display, on which the current measured value can be read at any time. This facilitates the fast and precise control of the water values, especially in the industrial process.

A pH electrode is connected to the pH controller via BNC plug. The screw connections can be used to connect a temperature probe for automatic temperature compensation to the pH process controller. The pH controller finds its application in electroplating, the control of fresh and wastewater or in the wastewater neutralization. Due to the compact dimensions, the pH controller fits in every control panel.

- ▶ Small dimensions
- ▶ Large LED display
- ▶ 2 control relays for pH and temperature
- ▶ Connection via BNC and screw contacts
- ▶ For water treatment, electroplating ...
- ▶ 3-point calibration

Specifications

Measured variable pH

Measuring range	0 ... 14 pH
Resolution	0.01 pH
Accuracy	± (0.02 pH + 2 digits)

Measured variable temperature

Measuring range	0 ... 65°C / 32 ... 149°F
Resolution	0.1°C / 0.18°F
Accuracy	± 0.8°C / 1.44°F

pH input impedance	1012 ohms
Temperature compensation	Manual: -30 ... 100°C / -22 ... 212°F
	Automatic: 0 ... 65°C / 32 ... 149°F
3-point calibration	pH 7, pH4, pH10
Connection pH electrode	BNC
Ampling rate	About 1 second
Display	4 digit LED display
	14 mm digit height
NO relay	250V AC / 0.5A
	24V DC / 0.5A
Spannungsausang	12V / 0.05A DC
Interface	Serial RS232
Operating conditions	0 ... 50°C / 32 ... 122°F, max. 80% rh
Power supply	90 ... 260V AC / 50/60 Hz
Input	Approx. 4.7 VA at 110V AC
	Approx. 5.3 VA at 220V AC
Weight	About 384 g / < 1 lb
Dimensions	96 x 48 x 100 mm / 3.8 x 1.9 x 3.9 in
Front panel	92 x 41 mm / 3.6 x 1.6 in

More information

Manual

More product info

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