

PC pH100P pH Controller / Indicator



Features & Benefits

Potence Controls PC Series pH Controller model pH100P is a versatile instrument with a wide range of useful features and programmable options. The Controller is suitable for use by both OEMS and end Users alike. The measured values include pH and Temperature. With built-in Auto Temp. Compensation, the measured pH Values are accurate to the decimal. With two nos. of 4-20mA outputs and 2 relays, it caters to the basic requirements of the OEMS as well as the End User.

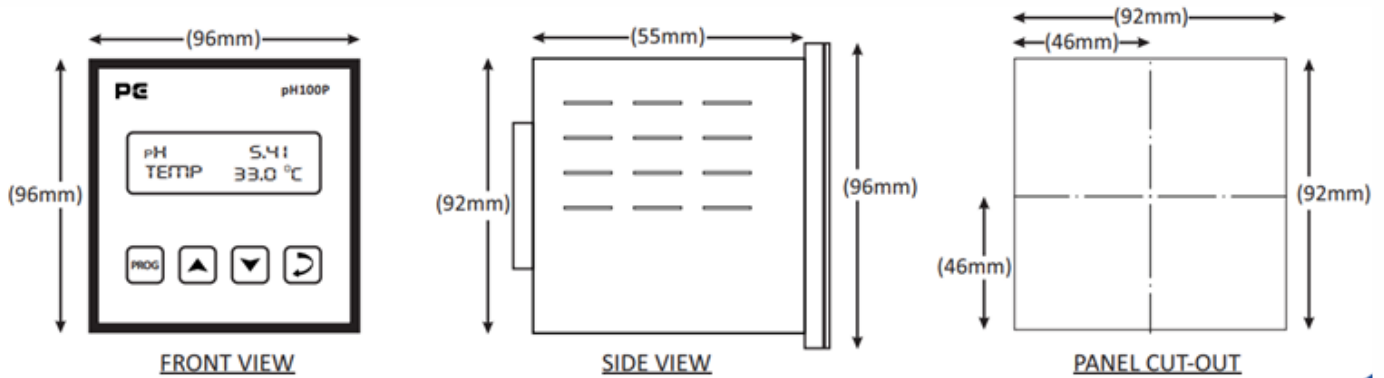
User friendly Menu Structure, Diagnostics like pH Sensor open and state of the art OLED display for bad light conditions makes the pH100P a preferred choice for front end operator. The outputs are scalable for pH and temperature and can be freely programmed over the entire range. All stored parameters and calibration data are retained in the Non-volatile memory during Power outages. All these and several more features make the pH100P a very useful product for both OEMS and end users alike.

- Measures pH and Temperature
- 2 Nos. 4-20mA Analog Output
- 2 Nos. SPDT Relays
- OLED Display
- Non- Volatile Memory
- Inbuilt Diagnostics

Controller Specifications

Measuring Range (pH)	: 0.00 to 14.00 pH
Resolution (pH)	: 0.01 pH
Accuracy (pH)	: +/- 0.1% of FS
Measuring Range (Temp)	: -15.0°C to 150.0°C
Resolution (Temp)	: 0.1°C
Accuracy (Temp)	: +/- 0.5 % of FS
Temp. Compensation	: Automatic / Manual
Calibration	: 2 Point
Memory	: Non-Volatile (EEPROM)
Power Supply	: 100-270 VAC, 50Hz
Display	: OLED, 2*16 Alpha-numeric
Output 1 (pH)	: 4 - 20 mA (Max. Load 600 Ohms)
Analog Output 2 (Temp)	: 4 - 20 mA (Max. Load 600 Ohms)
Relay A (HI Set point)	: 230 VAC, 5A, Potential free contact, SPDT
Relay B (LO Set point)	: 230 VAC, 5A, Potential free contact, SPDT
Enclosure Material	: ABS
Dimensions	: H x W x D (96 x 96 x 55mm)
Mounting	: Panel
Weight	: Approx. 0.5kg

Dimensional Drawing



Ordering Information

Part No.	Description
PC pH100P - PT100	pH Controller / Indicator, 100-270 VAC, Panel Mount; Works with PT100 Temp. Element pH Sensor
PC pH100P - PT1000	pH Controller / Indicator, 100-270 VAC, Panel Mount; Works with PT1000 Temp. Element pH Sensor

In the interest of improving and updating, PCPL reserves the right to alter specifications at any time.