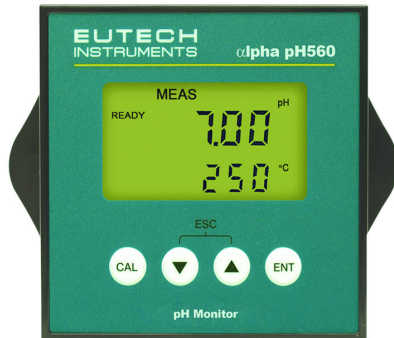




## alpha pH 560 - 1/4 DIN Industrial Controllers



### Product Features

#### **NIST or USA pH BUFFER OPTIONS**

alpha pH 550 Monitor and 560 Controller allow user to select USA (4.01, 7.00 or 10.01) or NIST (4.01, 6.86 or 9.18) pH buffer standards during calibration.

#### **CUSTOM DUAL DISPLAY LCD**

Primary and secondary displays are available for simultaneous display of pH, ORP, Conductivity and Temperature values. Allows instantaneous viewing of measured readings and setup configurations.

#### **EASY PUSH-BUTTON OPERATION**

Simply calibrate or adjust setup configuration with just a few touches of the buttons. Intelligent program in alpha pH 550 Monitor and 560 Controller prompts respective buffers for easy calibration. Similarly, push-button offset adjustment makes calibration simple in the conductivity models.

#### **TEMPERATURE COMPENSATION**

Compensates variance in the measured readings due to temperature fluctuations, either Automatically (with Pt 100) or Manually (Process and Calibration temperatures can be set separately).

#### **PANEL OR WALL MOUNT, IP65 WEATHERPROOF HOUSING**

Meters can be mounted on the wall or in a control panel. In addition, the IP65 rated housing allows the meter to be installed outdoors or indoors. Mounting accessories are included for both types of mounting.

#### **SYMMETRICAL MODE OF OPERATION**

Unique mode available in the alpha pH 550 Monitor and 560 Controller allow the meters to be operated in environments with electrical interferences. Simply configure the meter to the symmetrical mode and attach a potential matching pin.

#### **EASY TO USE CONTROLLER FUNCTIONS**

Two switching contacts acting as set-point relays simplify your task of controlling various processes. Separately adjustable high and low set-point hysteresis ensure chatter-free signal at the set-points.

**ADVANCED FEATURES FOR BETTER CONTROL**

Ability to set a time-delay up to 2000 seconds eliminates unneeded control and prevents false alarms, making it ideal for industrial environments.

**BACK-LIT UV LIGHT PROTECTED LCD**

Back-lit display ensures easy reading even in the dark. UV light protection minimises adverse effect of exposure to sunlight.

**Specifications**

Product Specification	Description
<b>pH range</b>	0.00 to 14.00 pH
<b>Resolution</b>	0.01 pH
<b>Accuracy</b>	0.01 pH
<b>Temperature</b>	-10 °C to 125 °C
<b>Resolution</b>	0.1 °C
<b>Relative Accuracy</b>	±0.5 °C
<b>Sensor</b>	Pt100 / Pt1000 (3 wire / 2 wire) (selectable)
<b>Temperature Compensation</b>	Auto/Manual (reference at 25 °C)
<b>Calibration Point</b>	Up to 2 points
<b>Calibration Buffers</b>	USA : 4.01, 7.00, 10.01; NIST : 4.01, 6.86, 9.18
<b>Input</b>	Asymmetrical/Symmetrical
<b>Controller Function</b>	Limit Control
<b>Relay Operating Parameters</b>	LO (Relay active when measured value < set point) HI (Relay active when measured value > set point)
<b>Time Delay</b>	0 to 2000 seconds
<b>Switching pH Hysteresis</b>	±1.0 pH
<b>Contact Output</b>	2 SPST relay
<b>Switching Voltage/Current Power</b>	Max 250VAC/Max 3A/MAX 600 VA
<b>Display</b>	Dual Display Custom LCD
<b>Backlight</b>	On/Off selectable
<b>Power Requirements</b>	110 or 220 VAC to 9 V DC Adapter
<b>Dimension</b>	96 x 96 x 66 mm (3.78 x 3.78 x 2.6 inch)
<b>Weight</b>	210 g