



pH Mini Controller with Analog Output – BL931700-115/230VAC

Description

Enhanced Accuracy & Precision

The BL931700 model offers a manual two-point calibration with pH values displayed out to two decimal places.

External Disabling Feature

A normally open contact may connect to a level controller or flow monitor. This safety feature may be used to prevent continuous dosing in the event of specific or undesired system conditions.

Adjustable Dosing Relay

The BL931700 features a dosing relay which may be configured to dose above or below a user programmable pH setpoint.

Selectable Overdose Protection

The mini controller may be programmed to deactivate a valve, pump, or connected device if its activation continues over a selected time; adjustable from 5 to 30 minutes.

Selectable Control Override

With the flick of a switch, normal ?Auto? operation may be overridden turning your connected device ?Off? from operation or always ?On.?

Analog Output Communication

The BL931700 features a 4 – 20 mA analog output for connection to a data logger, chart recorder, or other device.

Matching Pin Connection

An included matching pin option helps protect the sensor from ground loop effects that may lead to erratic readings or system damage.

Fuse Protected Dosing Contacts

The mini controller is protected for up to a 2A load from the connected pump or device.

Easy Peripheral Connection

Quick-connect terminal blocks provide for easy connection to power, communication, dosing control, or sensors.

Front View

Installation cut-out dimensions are provided as well as outside panel dimensions.

Side View

Adjustable location brackets allow the controller to slide easily and securely into place..

Especificaciones

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Intervalo	0.00 a 14.00 pH
Resolución	0.01 pH
Exactitud (@ 25°C / 77°F)	± 0.02 pH
Calibración	Manual, 2 puntos a través de perillas de offset y de pendiente
Relé dosificador	Máximo 2A ??(protección con fusible), 250 VCA, 30 VCD
Selección de dosificación	Ácido o alcalino contacto abierto = dosis ácida = relé ON si medición > punto de ajuste contacto cerrado = dosis alcalina = relé ON si medición < valor nominal
Punto de ajuste	Ajustable de 0 a 14 pH
Control de sobre dosificación	Regulable, típicamente de 5 a aproximadamente 30 minutos
Impedancia de entrada	10 ¹² Ohm
Salida analógica	4 a 20 mA, exactitud ± 0.20 mA, carga máxima de 500 ¥
Fuente de alimentación	BL931700-0: Adaptador de 12 VCD (incluido); BL931700 - 1: 115/230 VCA; 50 / 60Hz
Dimensiones	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")
Peso	BL931700 - 0: 200g (7.1 onzas); BL931700-1: 300g (10.6 onzas)
Información para ordenar	El BL931700-0 (12 VCD) y BL931700-1 (115V) se suministran con soportes de montaje, cubierta transparente y manual de instrucciones.