



Conductivity Mini Controller (0 – 1999 S/cm) 12VDC – BL983313-0

## Description

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### Adjustable Dry Contact Dosing Relay

The BL983313 features a dosing relay that is activated when the reading is above a user programmable set point.

### Programmable Overdose Protection

For enhanced safety the mini controller can be programmed to deactivate the dosing relay if the set point is not reached within a specified time interval. The overdosing timer is programmable from 5 to 30 minutes or disabled.

### Relay Control Override

With the flick of a switch the mini controller's relay can be disabled (Off), placed in control (Auto), or be activated for manual operation (On) which is useful for priming a dosing pump.

### Multicolor LED Indicator

Multicolor LED indicator allows an operator to quickly check the status of the controller.

- Green = Meter in measurement mode and reading is below the set point.
- Orange/Yellow = Reading is above the set point and the relay is activated.
- Blinking Red = Indicates an alarm condition such as when the maximum dosing time has been exceeded.

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### Fuse Protected Dosing Contacts

The relay dosing contact is rated for up to a 2A load and is fuse protected.

### Labeled Termination Connections

Quick-connect terminal blocks are clearly labeled for easy connection to power, conductivity probe and relay that can be used to operate a dosing pump, valve, audible alarm, or light.

HI7634

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### **1/2" NPT Male Threaded Amperometric Probe for Mounting In-line\***

The BL983313 mini controller uses the [HI7634](#) conductivity probe that is available with different cable lengths.

**\*HI7634 is not included and must be ordered separately**



## Front View

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

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BL931700

## Side View

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

### Especificaciones

<b>Código</b>	BL983313
<b>Intervalo de CE</b>	0 a 1,999 $\mu\text{S}/\text{cm}$
<b>Resolución de CE</b>	1 $\mu\text{S}/\text{cm}$
<b>Exactitud de CE (@25°C/77°F)</b>	$\pm 2\%$ de la escala completa.
<b>Compensación de temperatura</b>	Automática de 5 a 50°C (41 a 122°F) con $\beta = 2\%/^{\circ}\text{C}$
<b>Calibración</b>	manual, con potenciómetro CAL
<b>Relevador de dosificación</b>	máximo 2A (protegido por fusible), 250 VCA, 30 VCD, el contacto se cierra cuando la lectura > punto de ajuste
<b>Punto de ajuste</b>	seleccionable de 0 a 1,999 $\mu\text{S}/\text{cm}$
<b>Sobredosificación</b>	ajustable, típicamente desde 5 hasta aproximadamente 30 minutos
<b>Alimentación eléctrica</b>	Modelos "-0": 12 VCD con adaptador (incluido); modelos "-1": 115/230 VCA; 50/60Hz
<b>Dimensiones</b>	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")
<b>Peso</b>	modelos "-0": 200 g (7.1 oz.) modelos "-1": 300 g (10.6 oz.)
<b>Información para ordenar</b>	Se suministra con accesorios de montaje, cubierta transparente y manual de instrucciones.
<b>Sonda recomendada</b>	HI7634-00 CE/TDS con sensor interno de temperatura y 2 m (6.6') de cable (sonda no incluida).