

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

SKU: BL 983313-0



RESUMEN

The **BL983313** is a compact, panel mounted, process controller for measuring electrolytic conductivity (EC) of a process stream that is within the 0 to 1999 $\mu\text{S}/\text{cm}$ range. Users may choose from automatic or manual dosing modes. When in automatic mode the dry contact relay is activated when a reading is **above the set point**. The relay can be used to activate a dosing pump or a solenoid that controls a valve.

Multicolor LED Indicator

LED changes color based on status.

Fire Retardant Casing

For additional safety the controllers outer case is made of fire resistant plastic.

Splash Resistant Cover

A clear plastic cover protects the face panel from dirt and liquids.

DESCRIPCIÓN

BL983313

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.

BL983313

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

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**

BL931700

Front View

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

BL931700

Side View

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

ESPECIFICACIONES

Peso	0,56 kg
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