

TDS Mini Controller (0.00 to 19.99 ppm) – BL983321-12VDC

SKU: BL 983321-0



RESUMEN

The **BL983321** is a compact, panel mounted, process controller for measuring total dissolved solids (TDS) of a process stream that is within the 0.00 to 19.99 ppm (mg/L) range. The device features a large LCD with protective cover. 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 solenoid that switches from one DI (deionized) tank to another or to open a valve that will allow lower TDS water to flow into a tank being monitored in order to lower its TDS. The BL983321 can also be used to monitor the quality of water produced from ion exchange, reverse osmosis (RO) or distillation. *The BL983321 uses a 0.5 conversion factor in which 1.00 μ S/cm = 0.50 ppm.?

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

BL983321

Adjustable Dry Contact Dosing Relay

The BL983321 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.

BL983321

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 BL983321 mini controller uses the [HI7634](#) conductivity probe that is available with different cable lengths.

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

ESPECIFICACIONES

Peso	0,56 kg
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