

Conductivity Mini Controller (0.00-10.00 mS/cm) – BL983317-115/230VAC

SKU: BL 983317-0

RESUMEN

The **BL983317** is a compact, panel mounted, process controller for measuring conductivity of a process stream. 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 **below the set point**. The relay can be used to activate a dosing pump to add chemical until the desired set point is reached. Chemicals that can be dosed include nutrient solutions. The [BL983327](#) is a closely related product that has the same measurement range but has a relay that is activated when the reading is **above the set point**.

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

BL983317

Adjustable Dry Contact Dosing Relay

The BL983317 features a dosing relay that is activated when the reading is below 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 above the set point.
- Orange/Yellow = Reading is below the set point and the relay is active.
- Blinking Red = Indicates an alarm condition such as when the maximum dosing time has been exceeded.

BL983317

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.

HI7632

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

The BL983317 mini controller uses the [HI7632](#) conductivity probe that is available with different cable lengths.

***HI7632 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..

CARACTERÍSTICAS

| | |
|---|---|
| Intervalo | 0.00 a 10.00 mS/cm |
| Resolución | 0.01 mS/cm |
| Exactitud (@ 25°C/77°F) | ± 2% escala completa |
| Calibración | Manual, con perilla CAL |
| Relé dosificador | Máximo 2A ??(fusible protegido), 250 VCA, 30 VCD |
| Selección de dosificación | Relé activado (contacto cerrado) cuando la medición es menor que el punto de ajuste |
| Punto de ajuste | Ajustable de 0 a 10 mS/cm |
| Protección contra sobre dosificación | Regulable, típicamente de 5 a aproximadamente 30 minutos |
| Compensación de temperatura | Automática de 5 a 50°C (41 a 122°F) con beta = 2%/°C |
| Fuente de alimentación | Modelos "-0": Adaptador de 12 VCC (incluido) Modelos "-1": 115/230 VCA; 50 / 60Hz |
| Dimensiones | 83 x 53 x 99 mm (3.3 x 2.1 x 3.9 ") |
| Peso | Modelos "-0": 200 g (7.1 onzas) Modelos "-1": 300 g (10.6 onzas) |
| Información para ordenar | BL983317-0 (12 VCD) y BL983317-1 (115/230 VCA) se suministran con soportes de montaje, cubierta transparente y manual de instrucciones. |

