Conductivity Controller (0.00 to 19.99 S/cm) – BL983322-0 | 12VDC

SKU: BL 983322-0

RESUMEN

The **BL983322** is a compact, panel mounted, process controller for measuring electrolytic conductivity (EC) 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 **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 EC water to flow into a tank being monitored in order to lower its EC. The BL983322 can also be used to monitor the quality of water from DI tanks or from a distillation apparatus. The BL983322 measures EC from 0.00 to 19.99 ?S/cm.

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.

BL983322

Adjustable Dry Contact Dosing Relay

The BL983322 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.

BL983322

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 BL983322 mini controller uses the **HI7634** conductivity probe that is available with different cable lengths.

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 19.99 µS/cm
Resolución	0.01 µS/cm
Exactitud (@ 25°C / 77°F)	± 2% de la escala completa
Calibración	Manual, con perilla CAL
Relé dosificador	Máximo 2A ??(protección con fusible), 250 VCA, 30 VCD
Selección de dosificación	Relé activado (contacto cerrado) cuando la medición es mayor que el punto de ajuste
Punto de ajuste	Ajustable de 0 a 19.99 µS/cm
Protección contra sobredosificación	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 VCD (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	El BL983322-1 (115/230 VCA) y el BL983322-0 (12 VCD) se suministran con soportes de montaje, tapa transparente y manual de instrucciones.