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 ?S/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..

CARACTERÍSTICAS

Código	BL983313
Intervalo de CE	0 a 1,999 µS/cm
Resolución de CE	1 µS/cm
Exactitud de CE (@25°C/77°F)	±2% de la escala completa.
Compensación de temperatura	Automática de 5 a 50°C (41 a 122°F) con ß =2%/°C
Calibración	manual, con potenciómetro CAL
Relevador de dosificación	máximo 2A (protegido por fusible), 250 VCA, 30 VCD, el contacto se cierra cuando la lectura > punto de ajuste
Punto de ajuste	seleccionable de 0 a 1,999 µS/cm
Sobredosificación	ajustable, típicamente desde 5 hasta aproximadamente 30 minutos
Alimentación eléctrica	Modelos "-0": 12 VCD con adaptador (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 oz.) modelos "-1": 300 g (10.6 oz.)
Información para ordenar	Se suministra con accesorios de montaje, cubierta transparente y manual de instrucciones.
Sonda recomendada	HI7634-00 CE/TDS con sensor interno de temperatura y 2 m (6.6') de cable (sonda no incluida).