



TDS Mini Controller (0.00 to 10.00 ppt) – BL983318 -12VDC

Description

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Adjustable Dry Contact Dosing Relay

The BL983318 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 active.
- Blinking Red = Indicates an alarm condition such as when the maximum dosing time has been exceeded.

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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.

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

The BL983318 mini controller uses the [HI7632](#) conductivity probe that is available with different cable lengths.

***HI7632 is not included and must be ordered separately**

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Front View

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

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Side View

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

Especificaciones

Código	BL983318
Intervalo de TDS	0.00 a 10.00 g/L (ppt)
Resolución de TDS	0.01 g/L (ppt)
Exactitud de TDS (@25°C/77°F)	±2% de la escala completa
Factor de conversión de TDS	0.5
Compensación de temperatura	automática de 5 a 50°C (41 a 122°F) with $\beta=2\%/^{\circ}\text{C}$
Calibración	manual, con potenciómetro CAL
Relevador de dosificación	máximo 2A (protegido por fusible), 250 Vac, 30 VDC el contacto se cierra cuando la lectura > punto de ajuste
Punto de ajuste	ajustable de 0 a 10 ppt (g/L)
Sobredosificación	ajustable, desde 5 hasta aproximadamente 30 minutos
Alimentación eléctrica	BL983318-0: 12 VCD con adaptador (incluido) BL983318-1: 115/230 VCA; 50/60Hz
Dimensiones	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")
Peso	BL983318-0: 200 g (7.1 oz.) BL983318-1: 300 g (10.6 oz.)
Información para ordenar	Se suministra con accesorios de montaje, cubierta transparente y manual de instrucciones.
Sonda recomendada	HI7632-00 con sensor interno de temperatura y 2 m (6.6') de cable (sonda no incluida)