



Resistivity Mini Controller – BL983314-12VDC

Description

About the BL983314 Resistivity Mini Controllers

Readings are automatically temperature compensated with three different coefficients ($\alpha=2.4, 3.5$ or $4.5 \%/^{\circ}\text{C}$). The alarm contact can be used for connection to an alarm, pump, solenoid or dosing system. The relay contact is open when readings are higher than the setpoint, while for measurements lower than setpoint, the relay contact is closed. The hysteresis is typically $0.20 \text{ M}\Omega \cdot \text{cm}$ from the setpoint. Measurements are displayed on the LCD and the multi-coloured LED continuously indicates if the controller is in measurement, dosing, or alarm mode. Users can choose automatic or manual dosing mode with a switch on the front panel. Manual control is particularly useful during maintenance operations, because it permits operators to enable or disable the dosing relay according to need. The overtime control system advises users when the relay is active for too long, helping to prevent over-dosage.

Especificaciones

Código	BL983314
Intervalo de resistividad	0.00 a 19.90 $\text{M}\Omega \cdot \text{cm}$
Resolución de resistividad	0.10 $\text{M}\Omega \cdot \text{cm}$
Exactitud de resistividad (@25°C/77°F)	$\pm 2\%$ de la escala completa
Compensación de temperatura	Automática y lineal de 5 a 50°C (41 a 122°F)
Coefficiente de temperatura	B=2.4 ; 3.5 ; 4.5 $\%/^{\circ}\text{C}$ seleccionable en la parte trasera del controlador
Calibración	Calibrado de fábrica
Relevador de dosificación	máximo 2A (protegido por fusible), 250 VCA, 30 VCD, contacto cerrado cuando la medición < punto de ajuste
Punto de ajuste	seleccionable de 0 a 19.90 $\text{M}\Omega \cdot \text{cm}$
Sobredosificación	ajustable, típicamente de 5 a 30 minutos aproximadamente
Alimentación eléctrica	BL983314-0: 12 VCD, con adaptador (incluido) BL983314-1: 115/230 VCA; 50/60Hz
Dimensiones	83 x 53 x 99 mm (3.3 x 2.1 x 3.9")
Peso	BL983314-0: 200 g (7.1 oz.) BL983314-1: 300 g (10.6 oz.)
Información para ordenar	Se suministra con accesorios de montaje, cubierta transparente y manual de instrucciones.
Sonda recomendada	Sonda de resistividad HI3314 con 2 m (6.6') de cable (sonda incluida)